

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Three Rivers 4-43-820				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT THREE RIVERS				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR ULTRA RESOURCES INC						7. OPERATOR PHONE 303 645-9810				
8. ADDRESS OF OPERATOR 304 Inverness Way South #295, Englewood, CO, 80112						9. OPERATOR E-MAIL dghani@ultrapetroleum.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') UPL Three Rivers Holdings, LLC						14. SURFACE OWNER PHONE (if box 12 = 'fee') 303-645-9810				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 304 Inverness Way South Suite 295, Englewood, CO 80112						16. SURFACE OWNER E-MAIL (if box 12 = 'fee') dghani@ultrapetroleum.com				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2477 FNL 1489 FEL		SWNE	4	8.0 S	20.0 E	S		
Top of Uppermost Producing Zone		1980 FSL 660 FEL		NESE	4	8.0 S	20.0 E	S		
At Total Depth		1980 FSL 660 FEL		NESE	4	8.0 S	20.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 660			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 40			26. PROPOSED DEPTH MD: 7038 TVD: 6825				
27. ELEVATION - GROUND LEVEL 4742			28. BOND NUMBER 022046398			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-2262				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	11	8.625	0 - 1000	24.0	J-55 LT&C	8.8	Premium Lite High Strength	80	2.97	11.5
							Class G	115	1.16	15.8
Prod	7.875	5.5	0 - 7038	17.0	J-55 LT&C	10.0	OTHER	225	3.54	11.0
							OTHER	450	1.35	14.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Jenna Anderson				TITLE Permitting Assistant			PHONE 303 645-9804			
SIGNATURE				DATE 05/13/2014			EMAIL janderson@ultrapetroleum.com			
API NUMBER ASSIGNED 43047544230000				APPROVAL Permit Manager						

ULTRA RESOURCES, INC.

MASTER
8 - POINT DRILLING PROGRAM

Slim Hole Design
8 5/8" Surface & 5 1/2" Production Casing Design

DATED: 06-01-14

**Directional Wells located on Ultra leases in
Three Rivers Project:**

Three Rivers 4-43-820

SHL: Sec 4 (SWNE) T8S R20E

Uintah, Utah

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (CFR 43, Part 3160) and the approved Application for Permit to Drill. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

RECEIVED: June 02, 2014

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<u>Formation Top</u>	<u>Top (TVD)</u>	<u>Comments</u>
Uinta	Surface	
BMSW	1,452' MD / 1,450' TVD	
Green River	2,909' MD / 2,796' TVD	
Mahogany	4,368' MD / 4,131' TVD	
Garden Gulch	4,948' MD / 4,706' TVD	Oil & Associated Gas
Lower Green River*	5,128' MD / 4,886' TVD	Oil & Associated Gas
Wasatch	6,838' MD / 6,596' TVD	Oil & Associated Gas
TD	7,038' MD / 6,796' TVD	

Asterisks (*) denotes target pay intervals

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the BLM. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

2. BOP Equipment

- A) The BOPE shall be closed whenever the well is unattended. The Bureau of Land Management will be notified 24 hours prior to all BOPE pressure tests. The State of Utah, Division of Oil, Gas and Mining will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) As per 43 CFR 3160, Onshore Oil and Gas Order No. 2, Drilling Operations, Part A:
- 1) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
 - 2) Choke Manifold
 - 3) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
 - 4) Two adjustable chokes will be used in the choke manifold.
 - 5) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
 - 6) Pressure gauges in the well control system will be designed for drilling fluid.
- D) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
 - 2) All BOP tests will be performed with a test plug in place.
 - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

INTERVAL

0 - 1,000' MD / 1,000' TVD

1,000' MD / 1,000' TVD – 7,038' MD / 6,796' TVD

BOP EQUIPMENT

11" Diverter with Rotating Head

3,000# Ram Double BOP & Annular with Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

3. Casing and Float Equipment Program**CASING:**

Directional Well	Hole Size	OD	Depth MD/TVD	Wt.	Grade & Connection	Cond.
Surface	11"	8 5/8"	1,000' MD / 1,000' TVD	24.0 ppf	J-55, LTC	New
Production	7 7/8"	5 1/2"	7,038' MD / 6,796' TVD	17.0 ppf	J-55, LTC	New

CASING SPECIFICATIONS:

Directional Well	Casing OD	Casing ID / Drift ID	Collapse (psi)	Int. Yield (psi)	Ten. Yield (lb)	Jt. Strength (lb)
Surface	8 5/8"	8.097" / 7.972"	1,370	2,950	381,000	244,000
Production	5 1/2"	4.492" / 4.767"	4,910	5,320'	273,000	229,000

FLOAT EQUIPMENT:

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1st 4 Joints then every 4th joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1st 4 Joints then every 3rd joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

SURFACE (8 5/8")

Cement Top - Surface

Surface – 500'

Lead: 80 sks, Premium Lightweight Cmt w/ additives, 11.5 ppg, 2,97 cf/sk 50% excess

500' – 1,000' MD / 1,000' TVD± Tail: 115 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

PRODUCTION (5 1/2")

Cement Top – 500'

500' - 4,000' TVD ±

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 7,038' MD / 6,796' TVD Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The Bureau of Land Management will be notified 24 hours prior to running casing and cementing.
- D) As per 43 CFR 3160, Onshore Oil and Gas Order No.2, Drilling Operations, Part B:
- 1) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
 - 2) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
 - 3) Progress reports, Form 3160-5 "Sundry Notices and Reports on Wells", shall be filed with the Field Manager within 30 days after the work is completed.
 - 4) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - 5) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

- 6) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

5. Mud Program

The proposed circulating mediums to be employed in drilling are as follows:

Interval	Mud Type	Viscosity	Fluid Loss	pH	Mud Wt. (ppg)
0 – 1,000' MD / 1,000' TVD	Water/Spud Mud	32	No Control (NC)	7.0 -8.2	<8.8
1,000' MD / 1,000' TVD - 7,038' MD / 6,796' TVD	DAP System	40 - 60	10 - 18	7.0-8.2	<10.0

- A) For Surface Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

6. Evaluation Program - Testing, Logging, and Coring

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

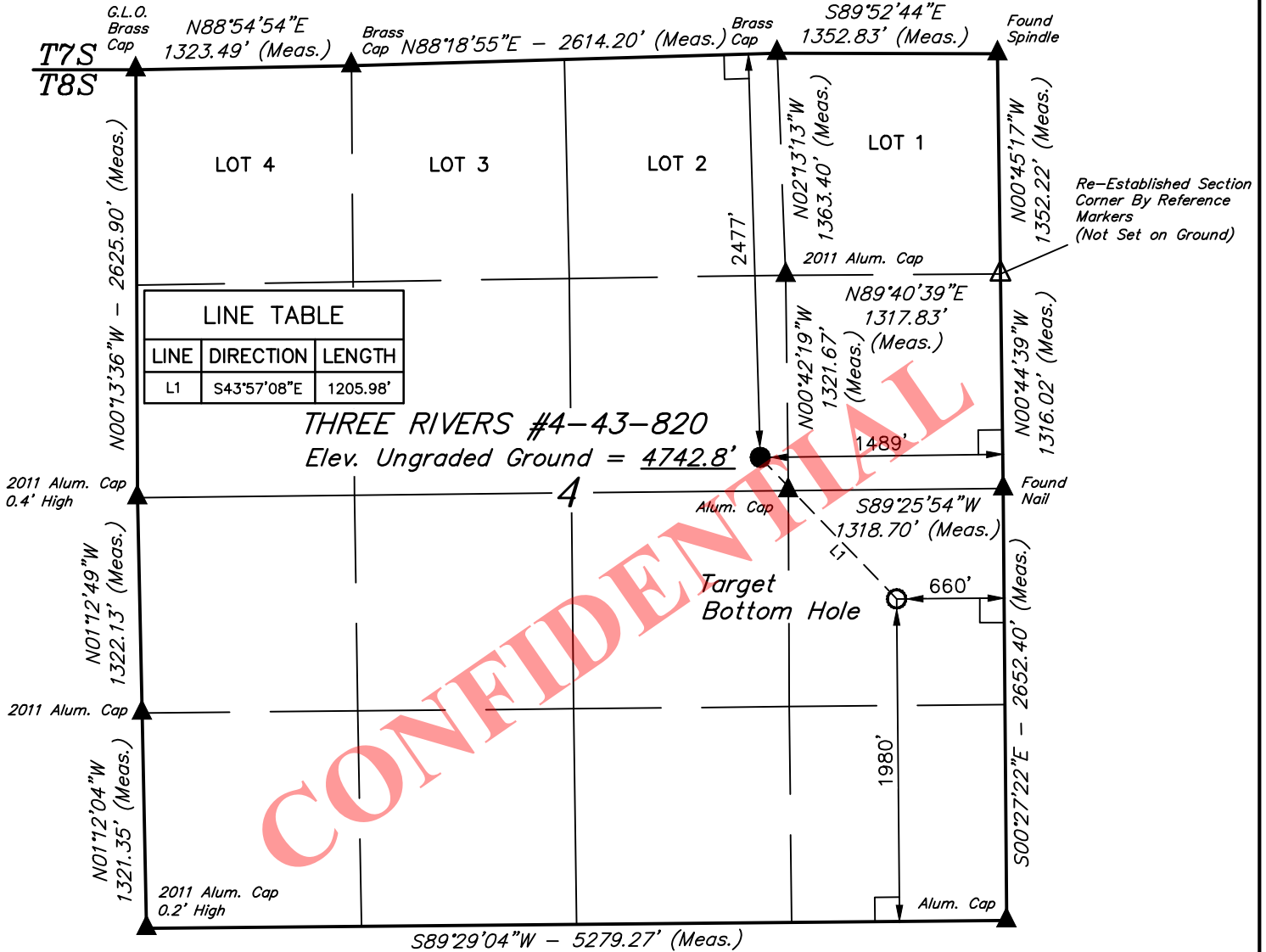
7. Anticipated Pressures and H.S.

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H₂S is encountered, the guidelines in Onshore Oil and Gas Order No. 6 will be complied with.

8. Other Information and Notification Requirements

- A) There shall be no deviation from the proposed drilling and/or workover program as approved. Any changes in operation must have prior approval from the **Utah Division of Oil, Gas and Mining**, and the BLM Vernal (when drilling on Federal leases).

- 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
 - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Notification Requirements for ***Utah Division of Oil, Gas and Mining***:
- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
 - ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
 - ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
 - ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***
- C) Notification Requirements BLM Vernal ***when drilling on Federal leases as follows: (Cade T Taylor @ cctaylor@blm.gov and [Blm ut vn opreport@blm.gov](mailto:Blm_ut_vn_opreport@blm.gov):***
- ***Within 24 hrs. of spud (Carol Daniels at 801/538-5284)***
 - ***24 hrs. prior to testing BOP equipment (Dan Jarvis 801/538-5338 or 231-8956)***
 - ***24 hrs. prior to cementing or testing casing (Dan Jarvis)***
 - ***Within 24 hrs. of making any emergency changes to APD (Dustin Doucet 801/538-5281 or 733-0983)***
- D) Any changes in the program must be approved by the ***Utah Division of Oil, Gas and Mining*** and or the BLM Vernal Office. "Sundry Notices and Reports on Wells" (form 3160-5) must be filed for all changes of plans. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- 1) Should the well be successfully completed for production, the BLM Pinedale Field Office must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/4 1/4, Section, Township, Range and P.M.)
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

T8S, R20E, S.L.B.&M.**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELLHEAD.
- = TARGET BOTTOM HOLE.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (Not Set on Ground.)



NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°08'59.49" (40.149858)	LATITUDE = 40°09'08.07" (40.152242)
LONGITUDE = 109°39'59.39" (109.666497)	LONGITUDE = 109°40'10.17" (109.669492)

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION

BASIS OF ELEVATION

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

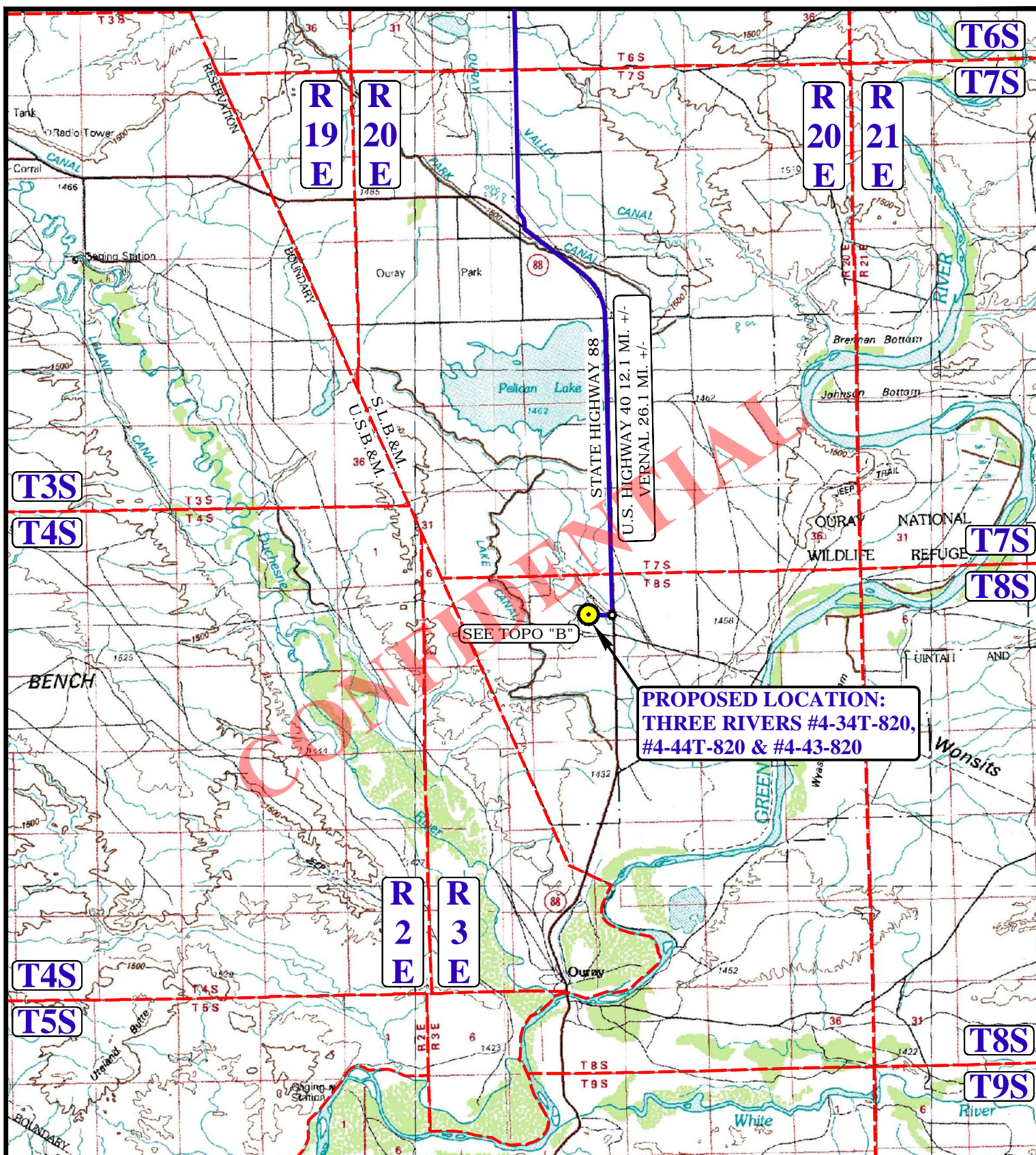
ULTRA RESOURCES, INC.

THREE RIVERS #4-43-820
SW 1/4 NE 1/4, SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

SURVEYED BY: B.H. T.P.	SCALE: 1"=1000'	DRAWN BY: H.W.
DATE: 04-14-14		DATE: 04-30-14

WELL LOCATION PLAT

RECEIVED: May 13, 2014

**LEGEND:**

 **PROPOSED LOCATION**

ULTRA RESOURCES, INC.

THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B.&M.
SW 1/4 NE 1/4

DRAWN BY: J.M.C.

DATE DRAWN: 05-06-14

SCALE: 1:100,000

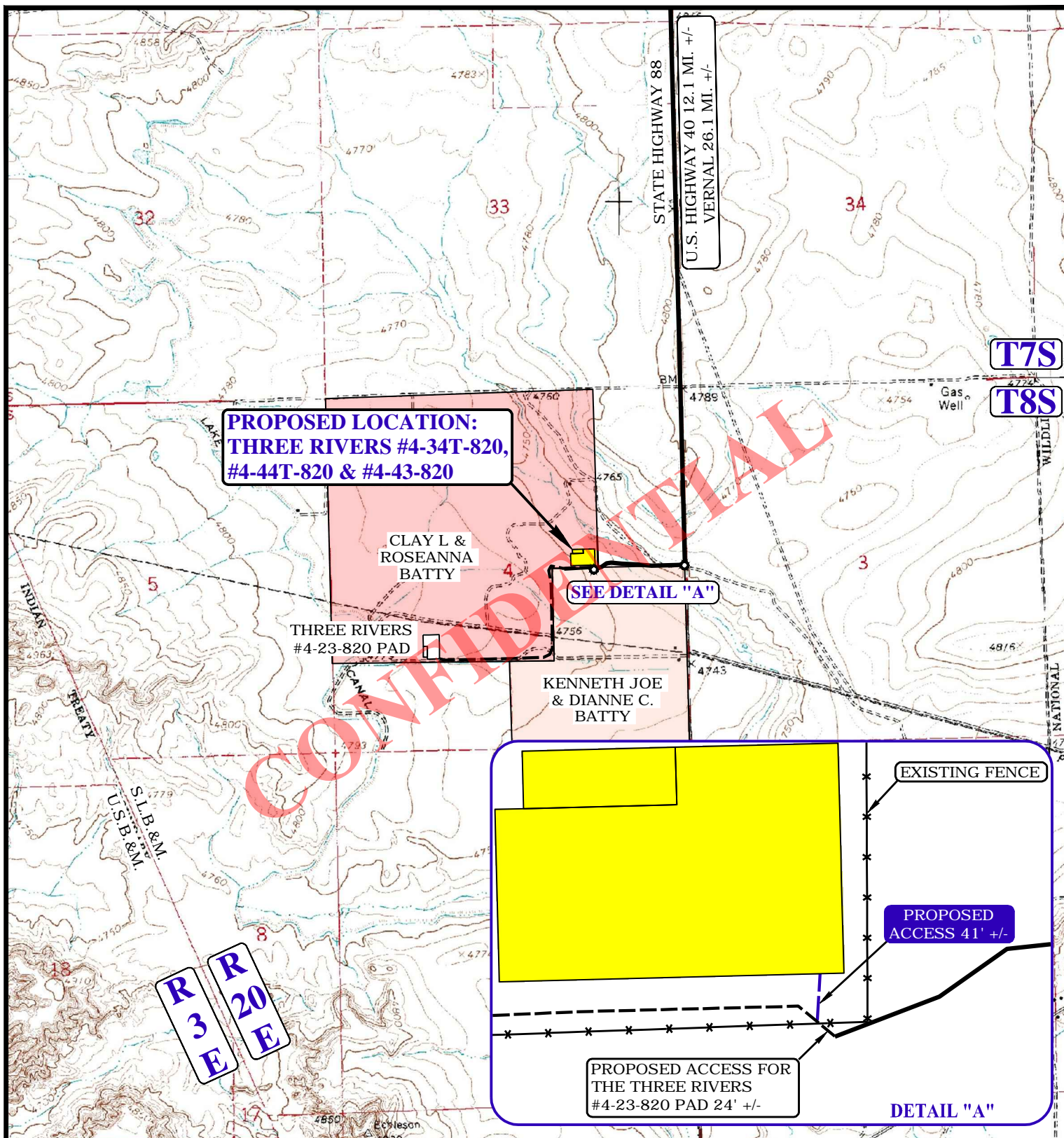
REV: 00-00-00

ACCESS ROAD MAP**TOPO A****UELS, LLC**

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RECEIVED: May 13, 2014



NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- EXISTING ROAD
- - - PROPOSED ROAD
- - - PROPOSED ROAD (SERVICING OTHER WELLS)
- - - EXISTING 2-TRACK
- * * EXISTING FENCE
- - - EXISTING POWER LINE



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ULTRA RESOURCES, INC.

THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B.&M.
SW 1/4 NE 1/4

DRAWN BY: J.M.C.

DATE DRAWN: 05-06-14

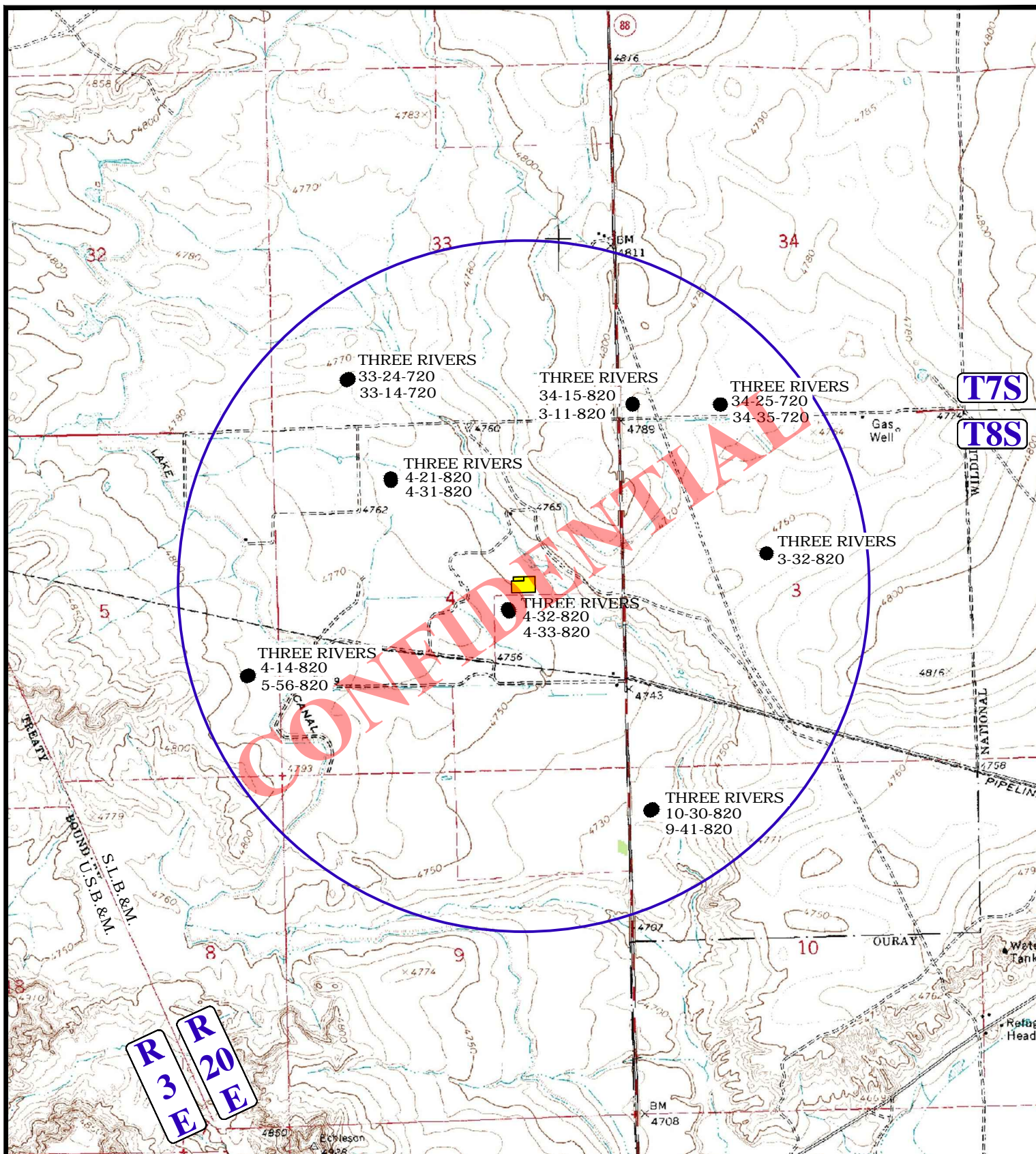
SCALE: 1" = 2000'

REV: 00-00-00

ACCESS ROAD MAP

TOPO B

RECEIVED: May 13, 2014

**LEGEND:**

- Ø DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



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**ULTRA RESOURCES, INC.**

THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B.&M.
SW 1/4 NE 1/4

DRAWN BY: J.M.C.

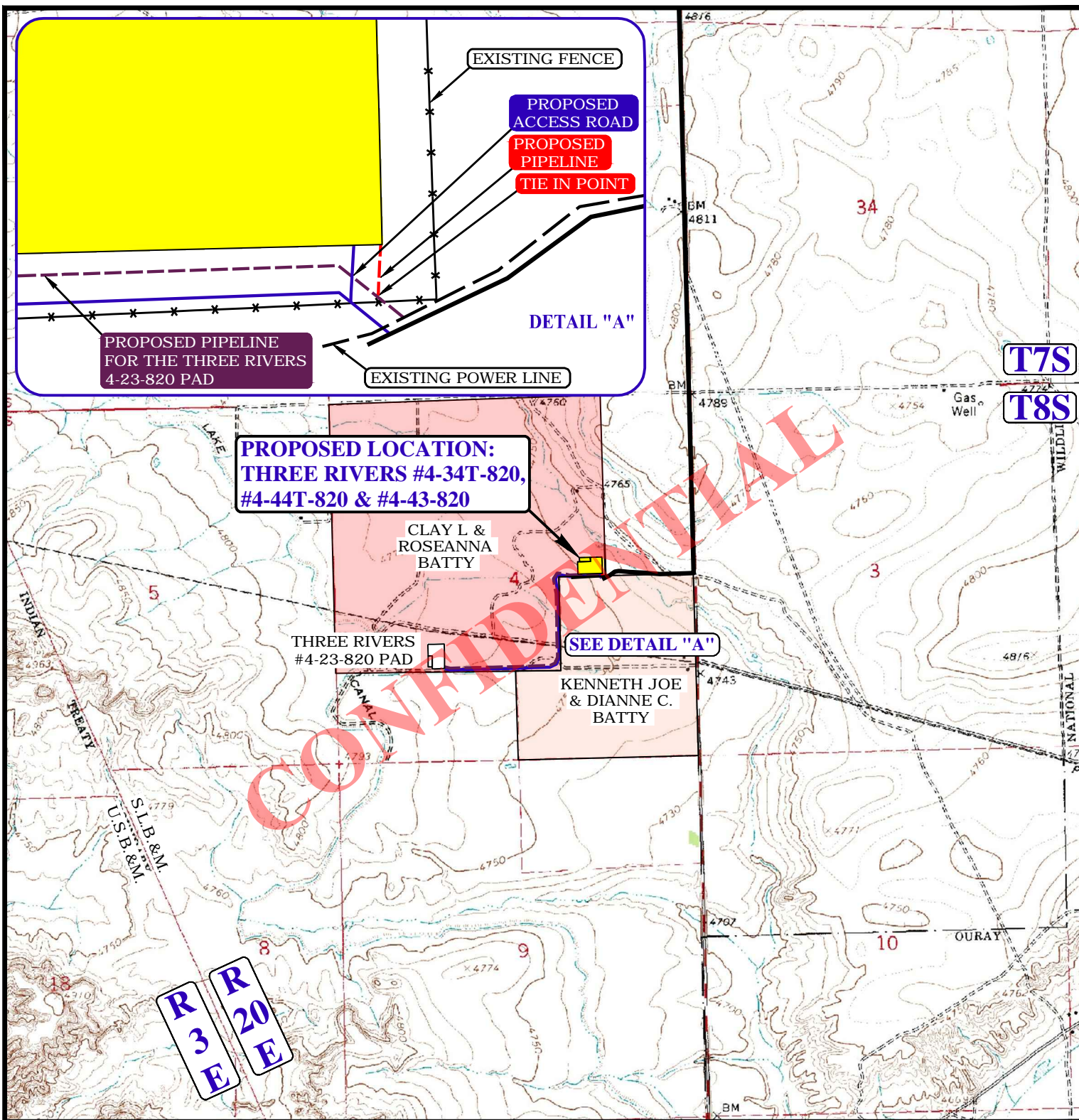
DATE DRAWN: 05-06-14

SCALE: 1" = 2000'

REV: 00-00-00

WELL PROXIMITY MAP**TOPO C**


RECEIVED: May 13, 2014



APPROXIMATE TOTAL PIPELINE DISTANCE = 44' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- 
- EXISTING ROAD
 PROPOSED ROAD
 EXISTING PIPELINE
 PROPOSED PIPELINE
 PROPOSED PIPELINE (SERVICING OTHER WELLS)
 EXISTING FENCE

ULTRA RESOURCES, INC.

**THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B&M.
SW 1/4 NE 1/4**

DRAWN BY: J.M.C.

DATE DRAWN: 05-06-14

SCALE: 1" = 2000'

REV: 00-00-00

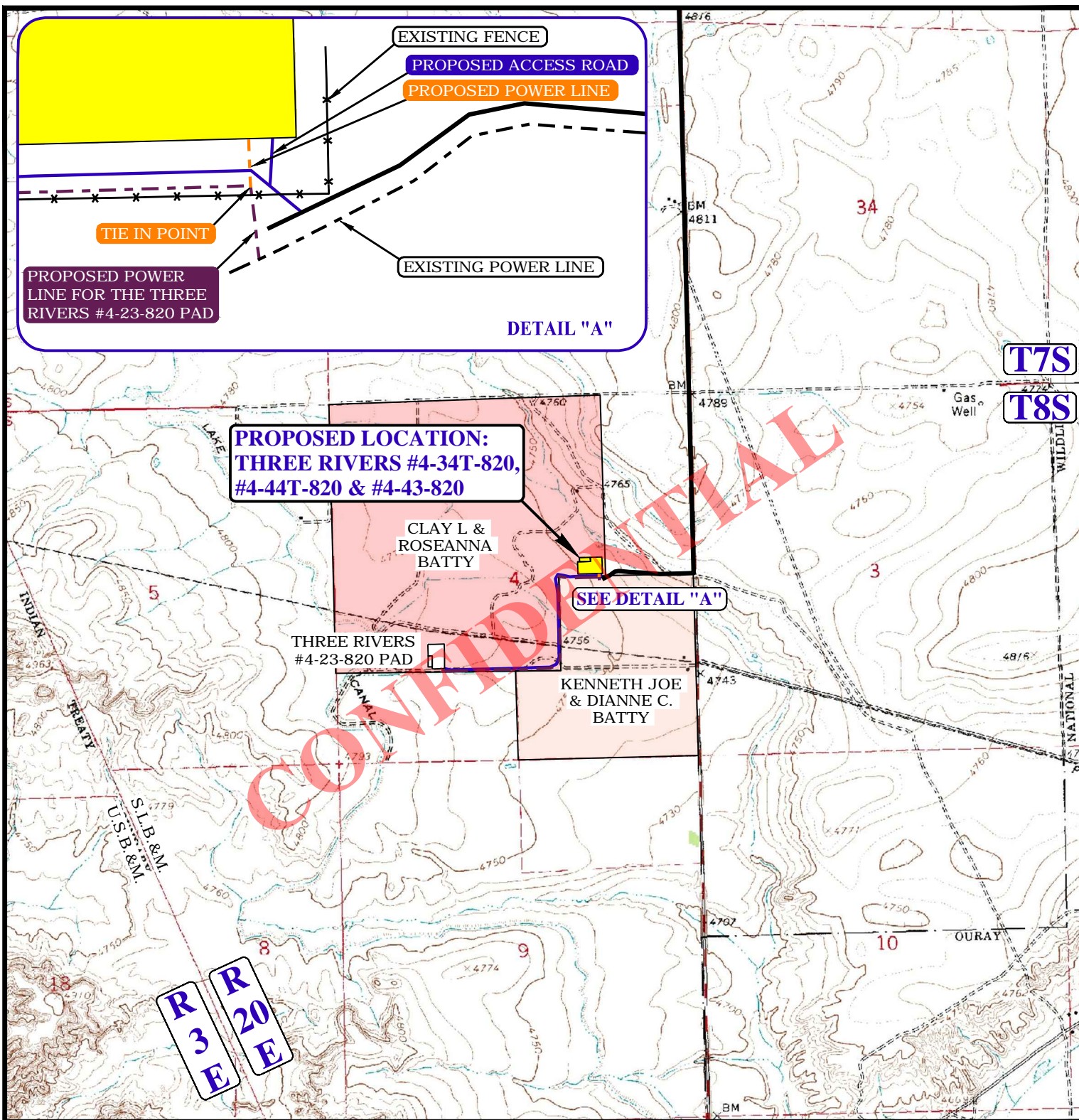
PIPELINE MAP

TOPO D



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Vernal, UT 84078 * (435) 789-1017**



APPROXIMATE TOTAL POWER LINE DISTANCE = 50' +/-

NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

LEGEND:

- 
EXISTING ROAD
PROPOSED ROAD
 EXISTING POWER LINE
PROPOSED POWER LINE
PROPOSED PIPELINE (SERVICING OTHER WELLS)
 EXISTING FENCE

ULTRA RESOURCES, INC.

**THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B&M.
SW 1/4 NE 1/4**

DRAWN BY: J.M.C.

DATE DRAWN: 05-06-14

SCALE: 1" = 2000'

REV: 00-00-00

POWER LINE MAP

TOPO E



UELS, LLC

**Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017**



ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 4-43-820 (1477' FNL & 1489' FEL)
 Field: UINTAH COUNTY Well: Three Rivers 4-43-820
 Facility: Sec.04-T8S-R20E Wellbore: Three Rivers 4-43-820 PWB

Targets

Name	MD (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
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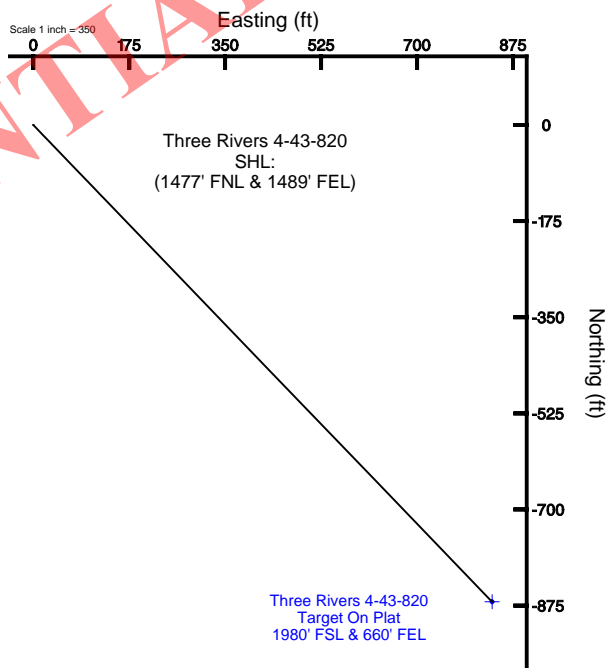
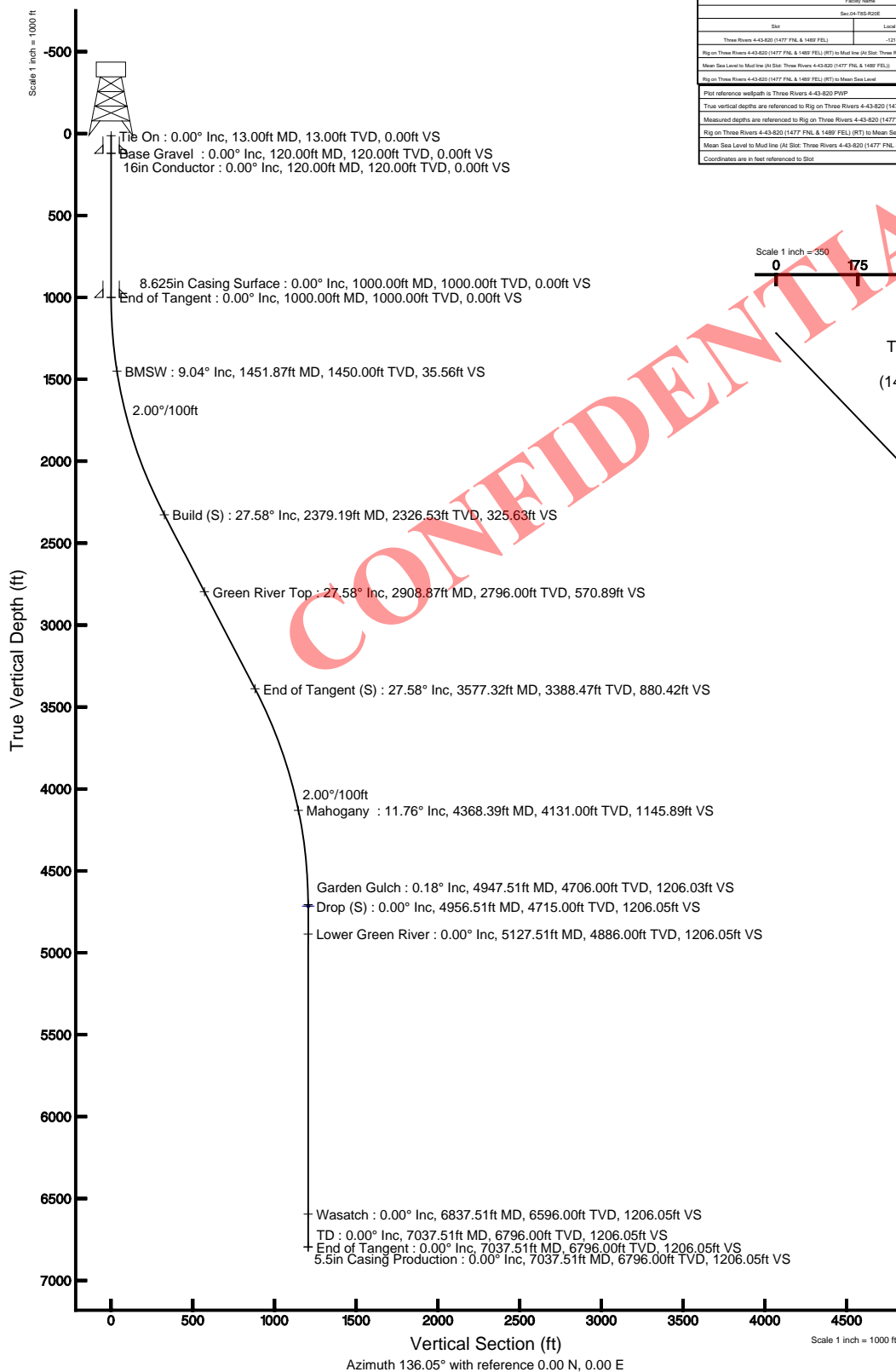
Three Rivers 4-43-820 Target On Plat 1980' FSL & 660' FEL	4956.51	4715.00	468.23	837.10	2102891.01	7228953.43	40°18'58.48"N	109°40'10.10"W
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Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	13.00	0.000	136.046	13.00	0.00	0.00	0.00	0.00
End of Tangent	1000.00	0.000	136.046	1000.00	0.00	0.00	0.00	0.00
Build (S)	2379.19	27.584	136.046	2326.53	-234.42	226.01	2.00	325.63
End of Tangent (S)	3577.32	27.584	136.046	3388.47	-633.81	611.08	0.00	880.42
Drop (S)	4956.51	0.000	136.046	4715.00	-868.23	837.10	2.00	1206.05
End of Tangent	7037.51	0.000	136.046	6796.00	-868.23	837.10	0.00	1206.05

Location Information

City Name	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude		
Sec.04-T8S-R20E	2103137.011	7228955.135	40°18'58.117"N	109°38'58.802"W		
Site	Local N (ft)	Local E (ft)	Grid East (US ft)	Grid North (US ft)	Latitude	Longitude
Three Rivers 4-43-820 (1477' FNL & 1489' FEL)	-1218.34	-1115.83	2102896.366	7228414.271	40°18'58.279"N	109°40'10.170"W
Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT) to Mud line (ft)						4755.88
Mean Sea Level to Mud line (ft)						0
Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) to Mean Sea Level						4755.88
Plot reference wellpath is Three Rivers 4-43-820 PWB						
True vertical depths are referenced to Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT)						Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet
Measured depths are referenced to Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT)						North Reference: True north
Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT) to Mean Sea Level: 4755.8 feet						Scale: True distance
Mean Sea Level to Mud line (ft)						Depths are in feet
Coordinates are in feet referenced to Slot						Created by: wellfilms on 5/22/2014





Planned Wellpath Report

Three Rivers 4-43-820 PWP

Page 1 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (1477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 PWB
Facility	Sec.04-T8S-R20E		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	EWilliams
Scale	0.999914	Report Generated	5/22/2014 at 4:07:40 PM
Convergence at slot	1.17° East	Database/Source file	WellArchitectDB/Three_Rivers_4-43-820_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-1218.34	-1115.83	2152037.00	7229414.27	40°09'08.070"N	109°40'10.170"W
Facility Reference Pt			2153127.51	7230655.14	40°09'20.110"N	109°39'55.800"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT) to Facility Vertical Datum	4755.
Horizontal Reference Pt	Slot	Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT) to Mean Sea Level	4755.
Vertical Reference Pt	Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT)	Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT) to Mud Line at Slot (Three Rivers 4-43-820 (1477' FNL & 1489' FEL))	4755.
MD Reference Pt	Rig on Three Rivers 4-43-820 (1477' FNL & 1489' FEL) (RT)	Section Origin	N 0.0
Field Vertical Reference	Mean Sea Level	Section Azimuth	136.0

CONFIDENTIAL



Planned Wellpath Report

Three Rivers 4-43-820 PWP

Page 2 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (1477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 PWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (84 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	136.046	0.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
13.00	0.000	136.046	13.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
113.00†	0.000	136.046	113.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
120.00†	0.000	136.046	120.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	Base Gravel
213.00†	0.000	136.046	213.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
313.00†	0.000	136.046	313.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
413.00†	0.000	136.046	413.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
513.00†	0.000	136.046	513.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
613.00†	0.000	136.046	613.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
713.00†	0.000	136.046	713.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
813.00†	0.000	136.046	813.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
913.00†	0.000	136.046	913.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
1000.00	0.000	136.046	1000.00	0.00	0.00	0.00	40°09'08.070"N	109°40'10.170"W	0.00	
1013.00†	0.260	136.046	1013.00	0.03	-0.02	0.02	40°09'08.070"N	109°40'10.170"W	2.00	
1113.00†	2.260	136.046	1112.97	2.23	-1.60	1.55	40°09'08.054"N	109°40'10.150"W	2.00	
1213.00†	4.260	136.046	1212.80	7.91	-5.70	5.49	40°09'08.014"N	109°40'10.099"W	2.00	
1313.00†	6.260	136.046	1312.38	17.08	-12.30	11.86	40°09'07.948"N	109°40'10.017"W	2.00	
1413.00†	8.260	136.046	1411.57	29.72	-21.39	20.63	40°09'07.859"N	109°40'09.904"W	2.00	
1451.87†	9.037	136.046	1450.00	35.56	-25.60	24.68	40°09'07.817"N	109°40'09.852"W	2.00	BMSW
1513.00†	10.260	136.046	1510.26	45.81	-32.98	31.80	40°09'07.744"N	109°40'09.761"W	2.00	
1613.00†	12.260	136.046	1608.33	65.33	-47.03	45.35	40°09'07.605"N	109°40'09.586"W	2.00	
1713.00†	14.260	136.046	1705.66	88.27	-63.55	61.27	40°09'07.442"N	109°40'09.381"W	2.00	
1813.00†	16.260	136.046	1802.13	114.59	-82.49	79.53	40°09'07.255"N	109°40'09.146"W	2.00	
1913.00†	18.260	136.046	1897.62	144.26	-103.85	100.13	40°09'07.044"N	109°40'08.881"W	2.00	
2013.00†	20.260	136.046	1992.02	177.24	-127.60	123.02	40°09'06.809"N	109°40'08.586"W	2.00	
2113.00†	22.260	136.046	2085.21	213.50	-153.70	148.19	40°09'06.551"N	109°40'08.262"W	2.00	
2213.00†	24.260	136.046	2177.08	252.99	-182.12	175.60	40°09'06.270"N	109°40'07.909"W	2.00	
2313.00†	26.260	136.046	2267.51	295.66	-212.84	205.21	40°09'05.967"N	109°40'07.527"W	2.00	
2379.19	27.584	136.046	2326.53	325.63	-234.42	226.01	40°09'05.753"N	109°40'07.259"W	2.00	
2413.00†	27.584	136.046	2356.49	341.28	-245.69	236.88	40°09'05.642"N	109°40'07.119"W	0.00	
2513.00†	27.584	136.046	2445.13	387.59	-279.02	269.02	40°09'05.313"N	109°40'06.706"W	0.00	
2613.00†	27.584	136.046	2533.76	433.89	-312.36	301.16	40°09'04.983"N	109°40'06.292"W	0.00	
2713.00†	27.584	136.046	2622.39	480.20	-345.69	333.30	40°09'04.654"N	109°40'05.878"W	0.00	
2813.00†	27.584	136.046	2711.03	526.50	-379.03	365.44	40°09'04.324"N	109°40'05.464"W	0.00	
2908.87†	27.584	136.046	2796.00	570.89	-410.98	396.25	40°09'04.009"N	109°40'05.067"W	0.00	Green River Top
2913.00†	27.584	136.046	2799.66	572.81	-412.36	397.58	40°09'03.995"N	109°40'05.050"W	0.00	
3013.00†	27.584	136.046	2888.29	619.11	-445.69	429.72	40°09'03.666"N	109°40'04.636"W	0.00	
3113.00†	27.584	136.046	2976.93	665.42	-479.03	461.85	40°09'03.336"N	109°40'04.222"W	0.00	
3213.00†	27.584	136.046	3065.56	711.72	-512.36	493.99	40°09'03.007"N	109°40'03.808"W	0.00	
3313.00†	27.584	136.046	3154.19	758.03	-545.70	526.13	40°09'02.677"N	109°40'03.394"W	0.00	
3413.00†	27.584	136.046	3242.83	804.33	-579.03	558.27	40°09'02.348"N	109°40'02.981"W	0.00	
3513.00†	27.584	136.046	3331.46	850.63	-612.37	590.41	40°09'02.018"N	109°40'02.567"W	0.00	
3577.32	27.584	136.046	3388.47	880.42	-633.81	611.08	40°09'01.807"N	109°40'02.300"W	0.00	
3613.00†	26.870	136.046	3420.20	896.74	-645.56	622.41	40°09'01.690"N	109°40'02.155"W	2.00	
3713.00†	24.870	136.046	3510.17	940.37	-676.97	652.70	40°09'01.380"N	109°40'01.765"W	2.00	



Planned Wellpath Report

Three Rivers 4-43-820 PWP

Page 3 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (1477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 PWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (84 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
3813.00†	22.870	136.046	3601.61	980.84	-706.10	680.78	40°09'01.092"N	109°40'01.403"W	2.00	
3913.00†	20.870	136.046	3694.41	1018.09	-732.91	706.64	40°09'00.827"N	109°40'01.070"W	2.00	
4013.00†	18.870	136.046	3788.45	1052.07	-757.38	730.23	40°09'00.585"N	109°40'00.766"W	2.00	
4113.00†	16.870	136.046	3883.62	1082.76	-779.47	751.53	40°09'00.367"N	109°40'00.492"W	2.00	
4213.00†	14.870	136.046	3979.81	1110.10	-799.16	770.50	40°09'00.173"N	109°40'00.248"W	2.00	
4313.00†	12.870	136.046	4076.89	1134.07	-816.41	787.14	40°09'00.002"N	109°40'00.033"W	2.00	
4368.39†	11.762	136.046	4131.00	1145.89	-824.92	795.34	40°08'59.918"N	109°39'59.928"W	2.00	Mahogany
4413.00†	10.870	136.046	4174.74	1154.64	-831.22	801.42	40°08'59.856"N	109°39'59.849"W	2.00	
4513.00†	8.870	136.046	4273.26	1171.78	-843.56	813.32	40°08'59.734"N	109°39'59.696"W	2.00	
4613.00†	6.870	136.046	4372.31	1185.48	-853.42	822.82	40°08'59.636"N	109°39'59.574"W	2.00	
4713.00†	4.870	136.046	4471.78	1195.70	-860.78	829.92	40°08'59.564"N	109°39'59.482"W	2.00	
4813.00†	2.870	136.046	4571.55	1202.45	-865.64	834.60	40°08'59.516"N	109°39'59.422"W	2.00	
4913.00†	0.870	136.046	4671.49	1205.72	-867.99	836.87	40°08'59.492"N	109°39'59.393"W	2.00	
4947.51†	0.180	136.046	4706.00	1206.03	-868.22	837.09	40°08'59.490"N	109°39'59.390"W	2.00	Garden Gulch
4956.51	0.000	136.046	4715.00†	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	2.00	
5013.00†	0.000	136.046	4771.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5113.00†	0.000	136.046	4871.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5127.51†	0.000	136.046	4886.00	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	Lower Green River
5213.00†	0.000	136.046	4971.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5313.00†	0.000	136.046	5071.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5413.00†	0.000	136.046	5171.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5513.00†	0.000	136.046	5271.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5613.00†	0.000	136.046	5371.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5713.00†	0.000	136.046	5471.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5813.00†	0.000	136.046	5571.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
5913.00†	0.000	136.046	5671.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6013.00†	0.000	136.046	5771.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6113.00†	0.000	136.046	5871.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6213.00†	0.000	136.046	5971.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6313.00†	0.000	136.046	6071.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6413.00†	0.000	136.046	6171.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6513.00†	0.000	136.046	6271.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6613.00†	0.000	136.046	6371.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6713.00†	0.000	136.046	6471.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6813.00†	0.000	136.046	6571.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
6837.51†	0.000	136.046	6596.00	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	Wasatch
6913.00†	0.000	136.046	6671.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
7013.00†	0.000	136.046	6771.49	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	
7037.51	0.000	136.046	6796.00	1206.05	-868.23	837.10	40°08'59.490"N	109°39'59.390"W	0.00	TD



Planned Wellpath Report

Three Rivers 4-43-820 PWP

Page 4 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (1477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 PWB
Facility	Sec.04-T8S-R20E		

HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers 4-43-820 PWB Ref Wellpath: Three Rivers 4-43-820 PWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
16in Conductor	13.00	120.00	107.00	13.00	120.00	0.00	0.00	0.00	0.00
12.25in Open Hole	120.00	1000.00	880.00	120.00	1000.00	0.00	0.00	0.00	0.00
8.625in Casing Surface	13.00	1000.00	987.00	13.00	1000.00	0.00	0.00	0.00	0.00
7.875in Open Hole	1000.00	7037.51	6037.51	1000.00	6796.00	0.00	0.00	-868.23	837.10
5.5in Casing Production	13.00	7037.51	7024.51	13.00	6796.00	0.00	0.00	-868.23	837.10

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
1) Three Rivers 4-43-820 Target On Plat 1980' FSL & 660' FEL	4956.51	4715.00	-868.23	837.10	2152891.61	7228563.43	40°08'59.490"N	109°39'59.390"W	point

CONFIDENTIAL



Planned Wellpath Report

Three Rivers 4-43-820 PWP

Page 5 of 5



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (1477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 PWB
Facility	Sec.04-T8S-R20E		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
120.00	0.000	136.046	120.00	Base Gravel
1451.87	9.037	136.046	1450.00	BMSW
2908.87	27.584	136.046	2796.00	Green River Top
4368.39	11.762	136.046	4131.00	Mahogany
4947.51	0.180	136.046	4706.00	Garden Gulch
5127.51	0.000	136.046	4886.00	Lower Green River
6837.51	0.000	136.046	6596.00	Wasatch
7037.51	0.000	136.046	6796.00	TD

CONFIDENTIAL

AFFIDAVIT OF SURFACE OWNERSHIP

I, **Ned Higgins**, Affiant, being duly sworn, depose and say:

THAT, I am a Senior Landman, for **Ultra Resources, Inc.**, a Wyoming corporation authorized to do business in Utah (hereinafter referred to as "Ultra"), whose address is 304 Inverness Way South, Suite 295, Englewood, Colorado 80112 and that Ultra operates and manages oil and gas interests in the State of Utah including the lands in Uintah County, Utah described herein below ("Lands"):

See Exhibit "A" attached hereto for a description of the Lands

WHEREAS, UPL Three Rivers Holdings, LLC ("Three Rivers"), whose address is 304 Inverness Way South, Suite 295, Englewood, Colorado 80112, purchased the surface estate in and to the lands described herein above as reflected in that certain Warranty Deed dated May 1st, 2014 and recorded at Book 1378, Page 940 of the Uintah County Clerk and Records Office Official records and;

WHEREAS, Ultra and Three Rivers are both wholly owned subsidiaries of Ultra Petroleum Corp. and Ultra is operating on behalf of Three Rivers;

THEREFORE, Ultra is filing this Affidavit in the Records of Uintah County, Utah to provide notice to the public and all concerned parties so that any inquiries or emergencies that may occur which require immediate notification and attention by Ultra should be directed to:

Ultra Resources, Inc.
304 Inverness Way South, Suite 295
Englewood, Colorado 80112
Main Phone: 303-708-9740
Emergency Phone: 1-800-770-9210

FURTHER Affiant sayeth not.

Subscribed and sworn to this the 9th day of May, 2014.

Ned Higgins
Ultra Resources, Inc. - Senior Landman

STATE OF COLORADO)
) :ss
COUNTY OF DOUGLAS)

The foregoing Affidavit of Surface Ownership was acknowledged before me by Ned Higgins as Senior Landman of Ultra Resources, Inc., on this 9th day of May, 2014.

WITNESS my hand and official seal.

My Commission Expires:

3/3/15



My Commission Expires March 3, 2015

NOTARY PUBLIC

EXHIBIT A

Description of Lands

Parcel #1

Section 4, Township 8 South, Range 20 East, Salt Lake Meridian:

The East half of the Southeast Quarter of the Northwest Quarter; and the Southwest Quarter of the Northeast Quarter.

Serial No. 09:003:0001

Parcel #2

Beginning at a point which is 20 rods East of center of Section 4, Township 8 South, Range 20 East, Salt Lake Meridian; running thence South 80 rods; thence East 121.29 feet; thence North 238.71 feet; thence East 208.71 feet; thence North 1081.29 feet; thence West 20 rods to the point of beginning.

Serial No. 09:003:0016

Parcel #3

Beginning at the Northwest corner of the Northeast Quarter of the Southwest Quarter of Section 4, Township 8 South, Range 20 East, Salt Lake Base and Meridian and running thence South 80 rods; thence East 100 rods; thence North 80 rods; thence West 100 rods to the point of beginning.

Serial No. 09:003:0005

Parcel #4

Section 4, Township 8 South, Range 20 East, Salt Lake Base and Meridian:

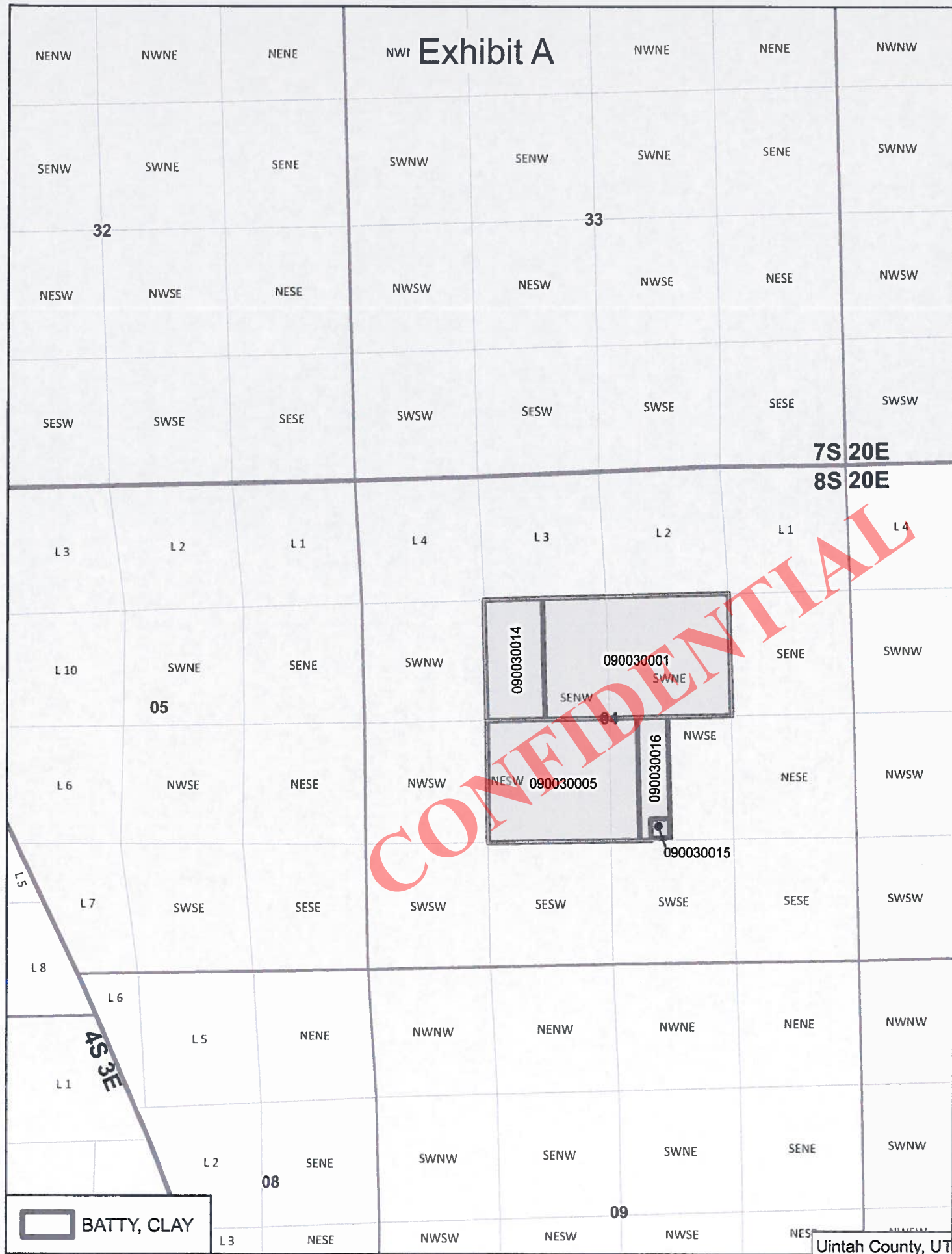
The West half of the Southeast Quarter of the Northwest Quarter.

Serial No. 09:003:0014

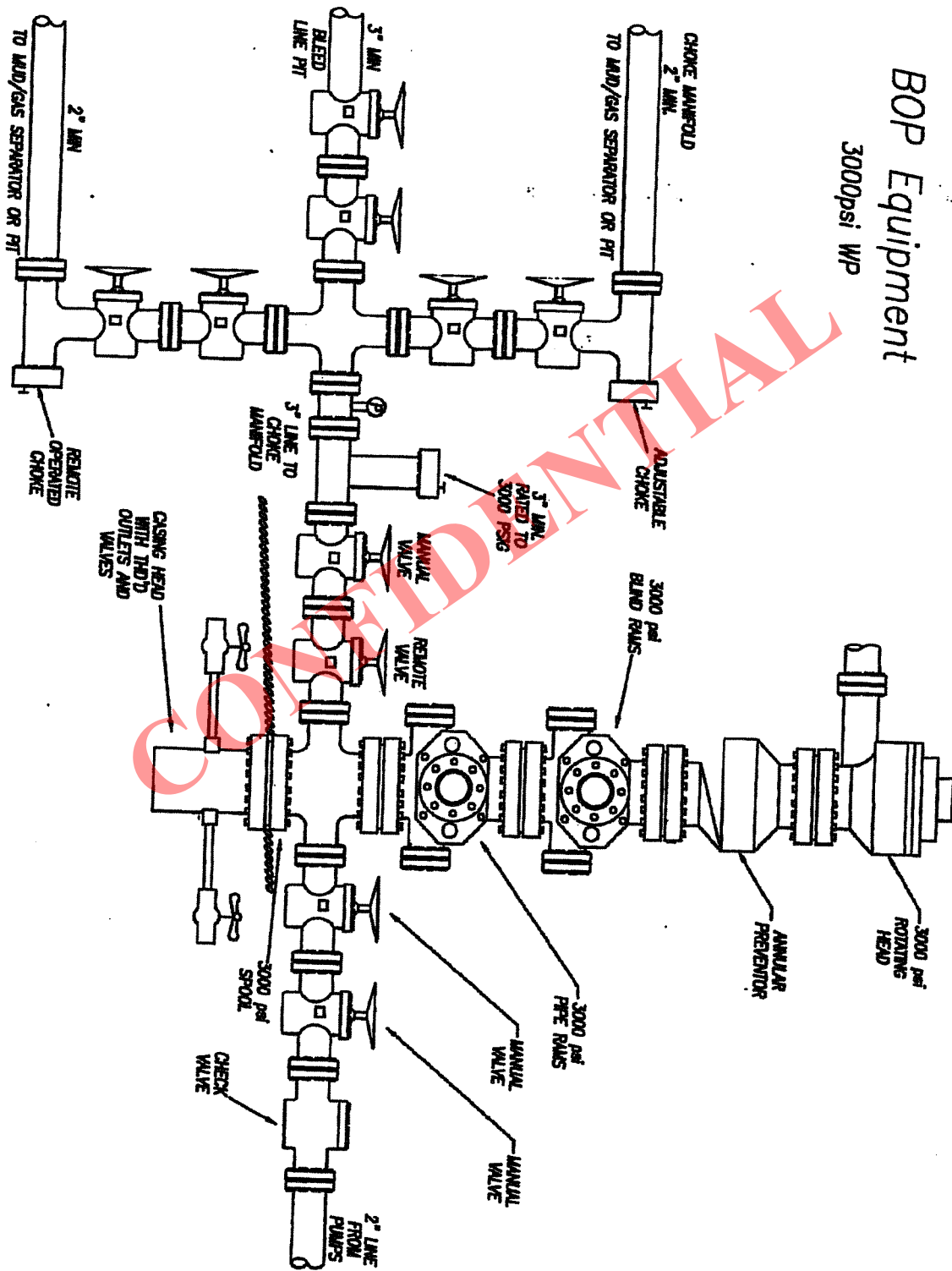
Parcel #5

Beginning at a point 660 feet East and 30 feet North of the Southwest corner of the Northwest quarter of the Southeast quarter of Section 4, Township 8 South, Range 20 East, Salt Lake Meridian; thence North 208.71 feet; thence West 208.71 feet; thence South 208.71 feet; thence East 208.71 feet to the point of beginning.

Serial No. 09:003:0015



BOP Equipment 3000psi WP





Ultra Resources, Inc.

May 13, 2014

Mr. Dustin Doucet
Utah Division of Oil, Gas & Mining
1594 West North Temple
Salt Lake City, Utah 84116

RE: **Directional Drilling – Docket No. 2013-030 / Cause No. 270-02**
Three Rivers 4-43-820
SHL: SWNE Sec 4-T8S-R20E
BHL: NESE Sec 4-T8S-R20E
Uintah County, UT

Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits the below specifics concerning the proposed directional drilling of the subject well:

- Ultra is the sole owner of 100% of the leasehold rights with respect to all tracts within 460' around the full wellbore path of the proposed directional well.
- There are no unleased mineral interests with respect to all tracts within 460' around the full wellbore path of the proposed directional well.
- The anticipated points of intersection with the objective (spaced) formation and the anticipated productive interval are within the established setbacks.
- The bottom hole location is within the established setbacks.
- The directional drilling of the well is proposed to limit surface disturbance within the project and affected surface owners.

Therefore, based on the above stated information, Ultra requests the permit be granted pursuant to Cause No. 270-02.

Thank you in advance for your consideration. Please feel free to contact me at 303-645-9810 if you have any questions or comments.

Sincerely,

Debbie Ghani
Sr. Permitting Specialist

304 Inverness Way South, Suite 295, Englewood, CO 80112
Telephone 303-708-9740 Facsimile 303-708-9748

RECEIVED: May 13, 2014

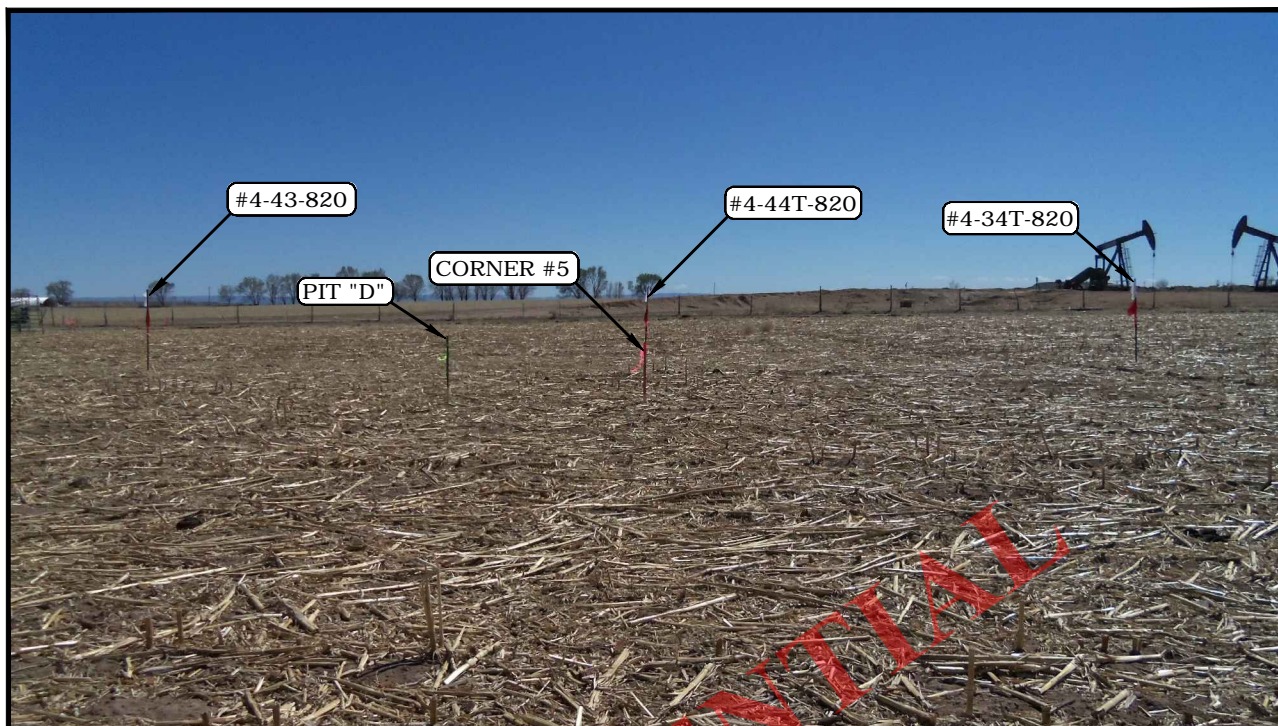


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY

ULTRA RESOURCES, INC.

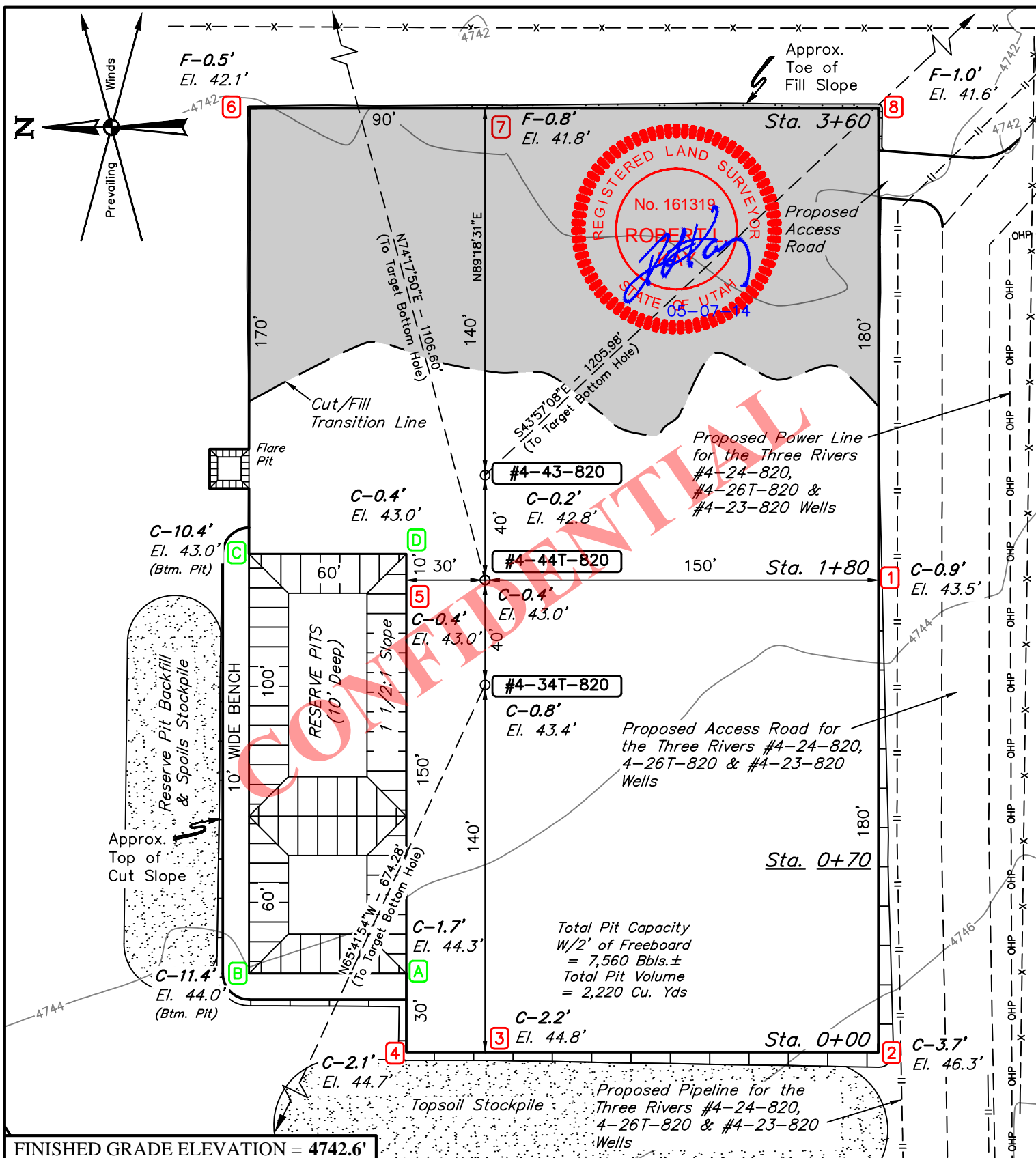
**THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B&M.
SW 1/4 NE 1/4**

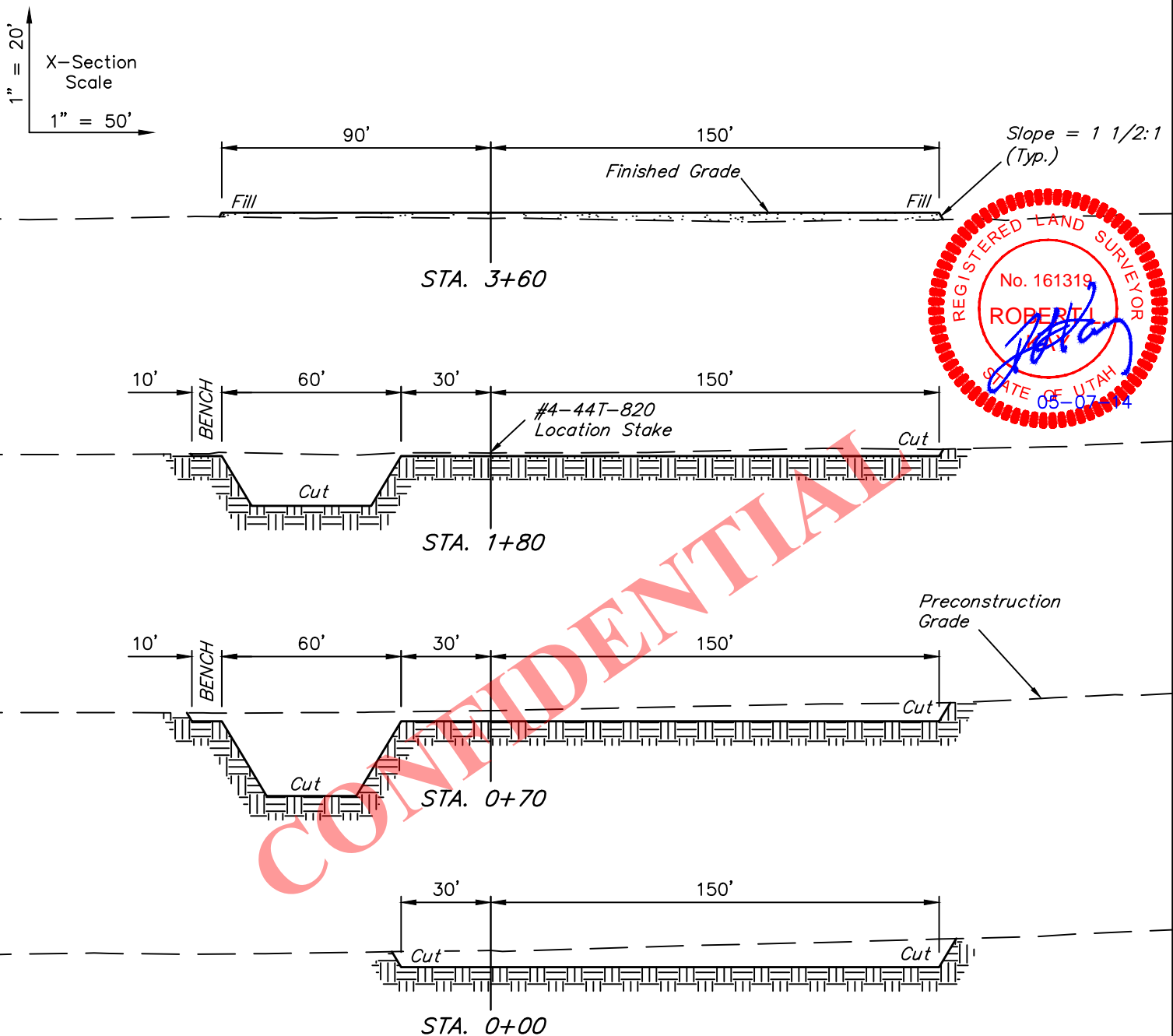


UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

DRAWN BY: J.M.C.	DATE DRAWN: 05-06-14
TAKEN BY: B.H.	REV: 00-00-00
LOCATION PHOTOS	PHOTO

RECEIVED: May 13, 2014



**APPROXIMATE EARTHWORK QUANTITIES**

(12") TOPSOIL STRIPPING	3,320 Cu. Yds.
REMAINING LOCATION	3,140 Cu. Yds.
TOTAL CUT	6,460 Cu. Yds.
FILL	2,030 Cu. Yds.
EXCESS MATERIAL	4,430 Cu. Yds.
TOPSOIL & PIT BACKFILL (1/2 Pit Vol.)	4,430 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	0 Cu. Yds.

APPROXIMATE SURFACE DISTURBANCE AREAS

	DISTANCE	ACRES
WELL SITE DISTURBANCE	NA	±3.336
30' WIDE ACCESS ROAD R-O-W DISTURBANCE	±17.24'	±0.012
30' WIDE PIPELINE R-O-W DISTURBANCE	±19.50'	±0.013
30' WIDE POWER LINE R-O-W DISTURBANCE	±25.53'	±0.018
TOTAL SURFACE USE AREA	±62.27'	±3.379

NOTES:

- Fill quantity includes 5% for compaction.
- Calculations based on 12" of topsoil stripping.
- Topsoil should not be stripped below finished grade on substructure area.

ULTRA RESOURCES, INC.

THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B.&M.
SW 1/4 NE 1/4



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

DRAWN BY: H.K.W.

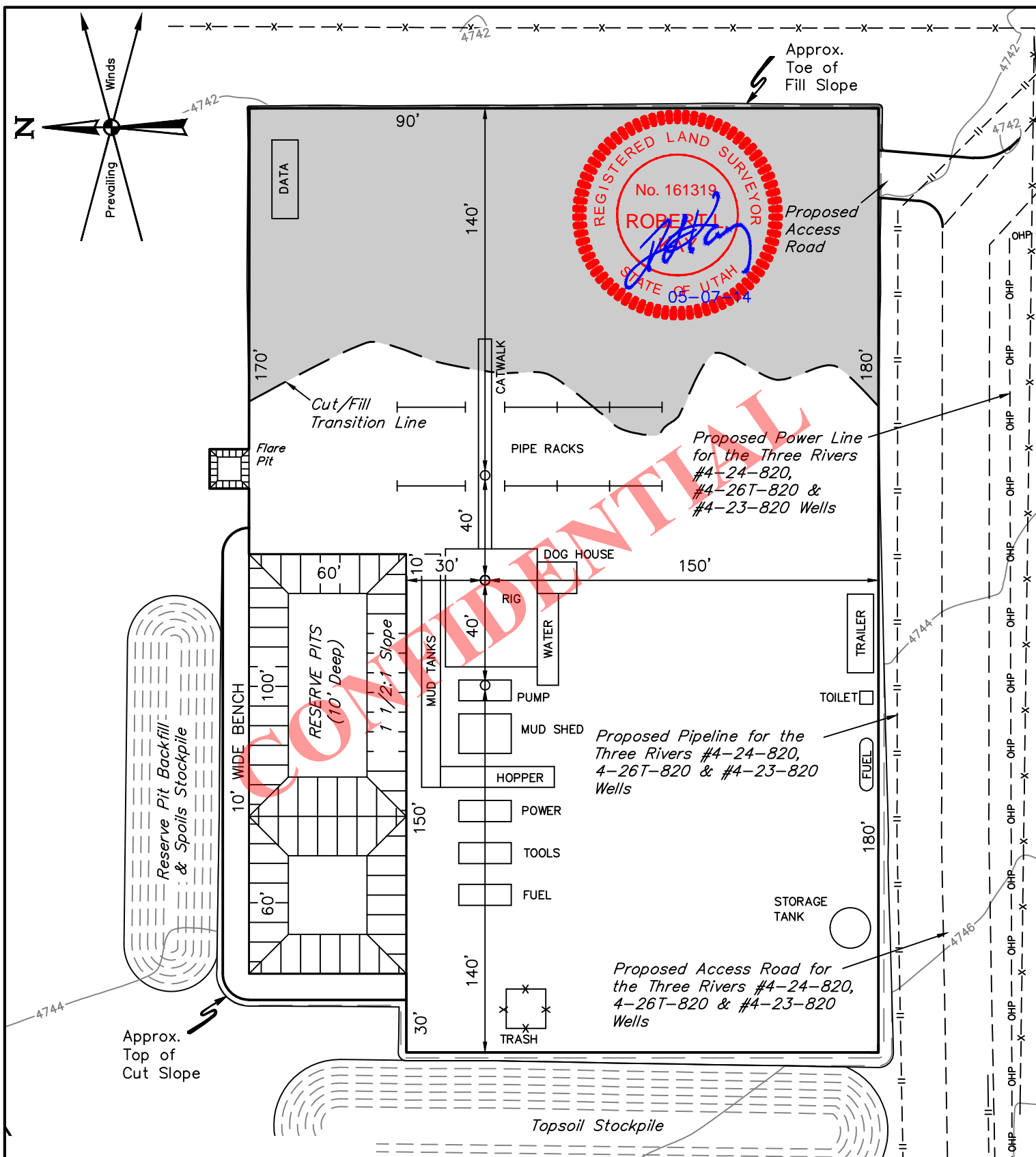
SCALE: AS SHOWN

DATE DRAWN: 05-02-14

REVISED: 00-00-00

TYPICAL CROSS SECTIONS**FIGURE #2**

RECEIVED: May 13, 2014

**NOTES:**

- Flare pit is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

ULTRA RESOURCES, INC.

THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B.&M.
SW 1/4 NE 1/4



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

DRAWN BY: H.K.W.

SCALE: 1" = 50'

DATE DRAWN: 05-02-14

REVISED: 00-00-00

TYPICAL RIG LAYOUT**FIGURE #3**

RECEIVED: May 13, 2014

NW 1/4

NE 1/4

END OF PROPOSED
ROAD RIGHT-OF-WAY
STA. 0+17.24
(At Edge of Surface Use Area)

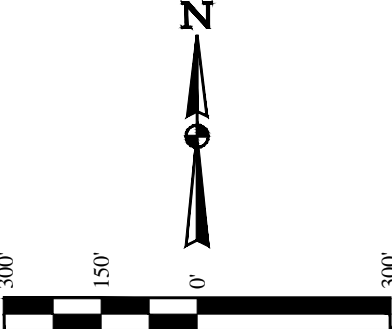
SURFACE USE AREA
THREE RIVERS #4-34T-820,
#4-44T-820 & #4-43-820
Contains 3.336 Acres

ULTRA RESOURCES, INC.
LOCATION SURFACE USE AREA &
ROAD RIGHT-OF-WAY
ON FEE LANDS

(FOR THREE RIVERS #4-34T-820,
#4-44T-820, & #4-43-820 WELLS)

LOCATED IN
SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION



LEGEND:
P.I. = POINT OF INTERSECTION
P.O.P.L. = POINT ON PROPERTY LINE
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
CLAY L. & ROSEANNA BATTY	17.24	0.012	1.04

NOTE: PROPERTY LINES SHOWN HAVE BEEN RE-ESTABLISHED FROM COUNTY RECORDS AND HAVE NOT BEEN SURVEYED BY UTAH ENGINEERING AND LAND SURVEY. UELS DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: B.H. T.P.	SCALE: 1" = 300'	DRAWN BY: H.W.
DATE: 04-22-14	FILE: 56553	DATE: 05-01-14

ACCESS ROAD RIGHT-OF-WAY PLAT

Sec. 4

1/4 Section Line

1/16 Section Line

Section Line

500°27'22"E - 2652.40' (Meas.)

SE 1/4

1/16 Section Line

SW 1/4

SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE SW 1/4 NE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS N62°46'16"W 65.27' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4, THENCE S89°24'12"W 251.47'; THENCE NORTH 256.89'; THENCE N50°36'42"E 132.87'; THENCE EAST 138.63'; THENCE S68°18'53"E 81.77'; THENCE S83°59'47"E 146.97'; THENCE S00°45'37"E 287.54'; THENCE S89°24'12"W 53.93' TO THE POINT OF BEGINNING. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 3.336 ACRES MORE OR LESS.

ROAD RIGHT-OF-WAY DESCRIPTION ON CLAY L. & ROSEANNA BATTY LANDS

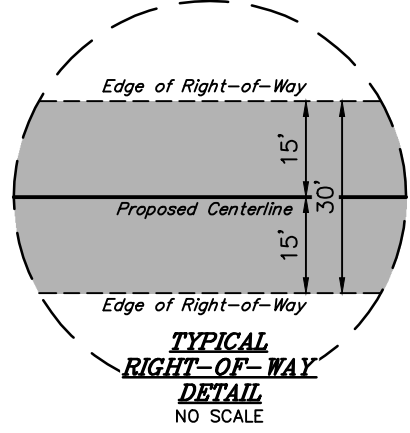
A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 NE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS N77°55'47"W 60.58' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4, THENCE N03°58'59"E 17.24' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 4, WHICH BEARS N62°46'16"W 65.27' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.012 ACRES MORE OR LESS.

S89°29'04"W - 5279.27' (Meas.)

Section Line

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N03°58'59"E	17.24'
L2	N03°58'59"E	24.25'
L3	S89°24'12"W	251.47'
L4	NORTH	256.89'
L5	N50°36'42"E	132.87'
L6	EAST	138.63'
L7	S68°18'53"E	81.77'
L8	S83°59'47"E	146.97'
L9	S00°45'37"E	287.54'
L10	S89°24'12"W	53.93'



Proposed
THREE RIVERS
#4-34T-820,
#4-44T-820
& #4-43-820
Surface Use Area

Proposed THREE RIVERS
#4-34T-820, #4-44T-820
& #4-43-820 Well Pad

Proposed Pipeline for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

Proposed Access Road for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

Proposed Power Line for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

Existing
Fence

DETAIL "A"
NO SCALE

SE Cor. Sec. 4
Priv. Alum. Cap

SW Cor. Sec. 4
2011 Alum. Cap
0.2' High

NW 1/4

NE 1/4

BEGINNING OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 0+00
(At Edge of Surface Use Area)

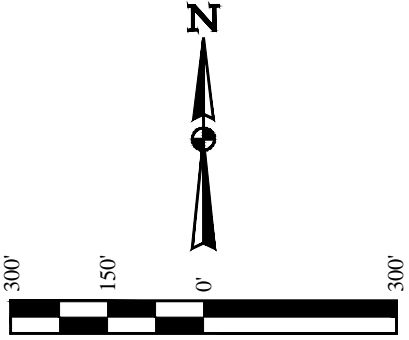
SURFACE USE AREA
THREE RIVERS #4-34T-820,
#4-44T-820 & #4-43-820

ULTRA RESOURCES, INC.
PIPELINE RIGHT-OF-WAY
ON FEE LANDS

(FOR THREE RIVERS #4-34T-820,
#4-44T-820, & #4-43-820 WELLS)

LOCATED IN
SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION




LEGEND:
P.I. = POINT OF INTERSECTION
P.O.P.L. = POINT ON PROPERTY LINE
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
CLAY L. & ROSEANNA BATTY	19.50	0.013	1.18

NOTE: PROPERTY LINES SHOWN HAVE BEEN RE-ESTABLISHED FROM COUNTY RECORDS AND HAVE NOT BEEN SURVEYED BY UTAH ENGINEERING AND LAND SURVEY. UELS DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

CERTIFICATE
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
ROBERT L. KATON
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: B.H. T.P.	SCALE: 1" = 300'	DRAWN BY: H.W.
DATE: 04-22-14	FILE: 56552	DATE: 05-02-14

PIPELINE RIGHT-OF-WAY PLAT

1/4 Section Line

Sec. 4

BEGINNING OF PIPELINE STA. 0+00 BEARS
N47°19'56"W 44.45' FROM THE SOUTHEAST
CORNER OF THE SW 1/4 NE 1/4 OF SECTION
4, T8S, R20E, S.L.B.&M.

END OF PIPELINE STA. 0+19.50 BEARS
N72°28'47"W 35.42' FROM THE SOUTHEAST
CORNER OF THE SW 1/4 NE 1/4 OF SECTION
4, T8S, R20E, S.L.B.&M.

CLAY L &
ROSEANNA
BATTY

Existing Underground
Pipeline

Proposed Three Rivers
#4-24-820, 4-26T-820
& #4-23-820 Well Pad
(±4 Ac)

Proposed Three Rivers
#4-36T-820, 4-34-820
& #4-38T-820 Well Pad
(±4 Ac)

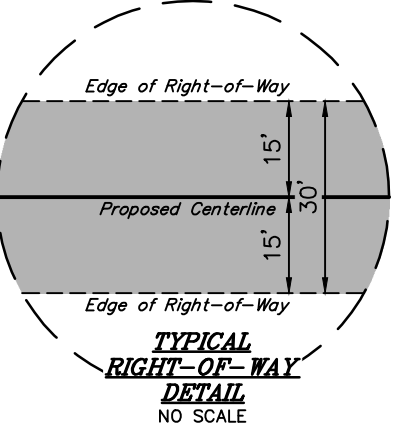
Proposed Access Road for
the Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Wells

Proposed Pipeline for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S03°12'48"W	19.50'
L2	S03°12'48"W	24.53'

Existing Three
Rivers #4-33-820
Well Pad

END OF PROPOSED
PIPELINE RIGHT-OF-WAY
STA. 0+19.50
(At Proposed Pipeline for the Three
Rivers #4-24-820, 4-26T-820 &
#4-23-820 Wells)



SE 1/4

1/16 Section Line

SW 1/4

PIPELINE RIGHT-OF-WAY DESCRIPTION ON
CLAY L. & ROSEANNA BATTY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 NE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS N47°19'56"W 44.45' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4, THENCE S03°12'48"W 19.50' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 4, WHICH BEARS N72°28'47"W 35.42' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.013 ACRES MORE OR LESS.

SW Cor. Sec. 4
2011 Alum. Cap
0.2" High

S89°29'04"W - 5279.27' (Meas.)

Section Line

Proposed THREE RIVERS
#4-34T-820, #4-44T-820
& #4-43-820 Well Pad

Proposed Pipeline for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

Proposed Access Road for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

Proposed Power Line for
Three Rivers #4-24-820,
4-26T-820 & #4-23-820
Well Pad

Existing
Fence

DETAIL "A"
NO SCALE

SE Cor. Sec. 4
Priv. Alum. Cap

NW 1/4

NE 1/4

END OF PROPOSED
POWER LINE RIGHT-OF-WAY
STA. 0+25.53
(At Edge of Surface Use Area)

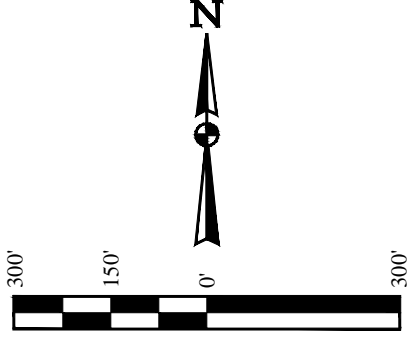
SURFACE USE AREA
THREE RIVERS #4-34T-820,
#4-44T-820 & #4-43-820

ULTRA RESOURCES, INC.
POWER LINE RIGHT-OF-WAY
ON FEE LANDS

(FOR THREE RIVERS #4-34T-820,
#4-44T-820, & #4-43-820 WELLS)

LOCATED IN
SECTION 4, T8S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION




LEGEND:
P.I. = POINT OF INTERSECTION
P.O.P.L. = POINT ON PROPERTY LINE
▲ = SECTION CORNERS LOCATED.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
CLAY L. & ROSEANNA BATTY	25.53	0.018	1.55

NOTE: PROPERTY LINES SHOWN HAVE BEEN RE-ESTABLISHED FROM COUNTY RECORDS AND HAVE NOT BEEN SURVEYED BY UTAH ENGINEERING AND LAND SURVEY. UELS DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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ROBERT L. KATON
REGISTERED LAND SURVEYOR
REGISTRATION NO. 16319
STATE OF UTAH



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

SURVEYED BY: B.H. T.P.	SCALE: 1" = 300'	DRAWN BY: H.W.
DATE: 04-22-14	FILE: 56551	DATE: 05-02-14

POWER LINE RIGHT-OF-WAY PLAT

1/4 Section Line

Sec. 4

BEGINNING OF POWER LINE STA. 0+00 BEARS N47°19'56"W 44.45' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M.

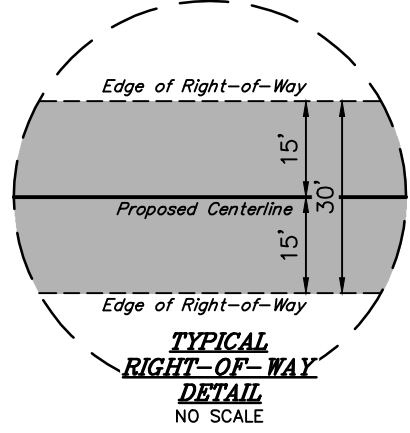
END OF POWER LINE STA. 0+25.53 BEARS N72°28'47"W 35.42' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M.

Proposed Access Road for the Three Rivers #4-24-820, 4-26T-820 & #4-23-820 Wells

CLAY L & ROSEANNA BATTY

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N02°01'00"W	25.53'
L2	N02°01'00"W	24.35'

BEGINNING OF PROPOSED POWER LINE RIGHT-OF-WAY STA. 0+00 (At Proposed Power Line for the Three Rivers #4-24-820, 4-26T-820 & #4-23-820 Wells)



SE 1/4

1/16 Section Line

Proposed THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820 Well Pad

Proposed Pipeline for Three Rivers #4-24-820, 4-26T-820 & #4-23-820 Well Pad

Proposed Access Road for Three Rivers #4-24-820, 4-26T-820 & #4-23-820 Well Pad

Proposed Power Line for Three Rivers #4-24-820, 4-26T-820 & #4-23-820 Well Pad

Existing Fence

DETAIL "A" NO SCALE

POWER LINE RIGHT-OF-WAY DESCRIPTION ON CLAY L. & ROSEANNA BATTY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE SW 1/4 NE 1/4 OF SECTION 4, T8S, R20E, S.L.B.&M., WHICH BEARS N87°02'22"W 79.67' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4, THENCE N02°01'00"W 25.53' TO A POINT IN THE SW 1/4 NE 1/4 OF SAID SECTION 4, WHICH BEARS N69°47'03"W 85.75' FROM THE SOUTHEAST CORNER OF THE SW 1/4 NE 1/4 OF SAID SECTION 4. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A G.P.S. OBSERVATION. CONTAINS 0.018 ACRES MORE OR LESS.

SW Cor. Sec. 4
2011 Alum. Cap
0.2' High

S89°29'04"W - 5279.27' (Meas.)

Section Line

SE Cor. Sec. 4
Priv. Alum. Cap

PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; EXIT LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 12.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE THREE RIVERS #4-23-820 PAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 24' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 41' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.4 MILES.

ULTRA RESOURCES, INC.

THREE RIVERS #4-34T-820, #4-44T-820 & #4-43-820
SECTION 4, T8S, R20E, S.L.B&M.
SW 1/4 NE 1/4



UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

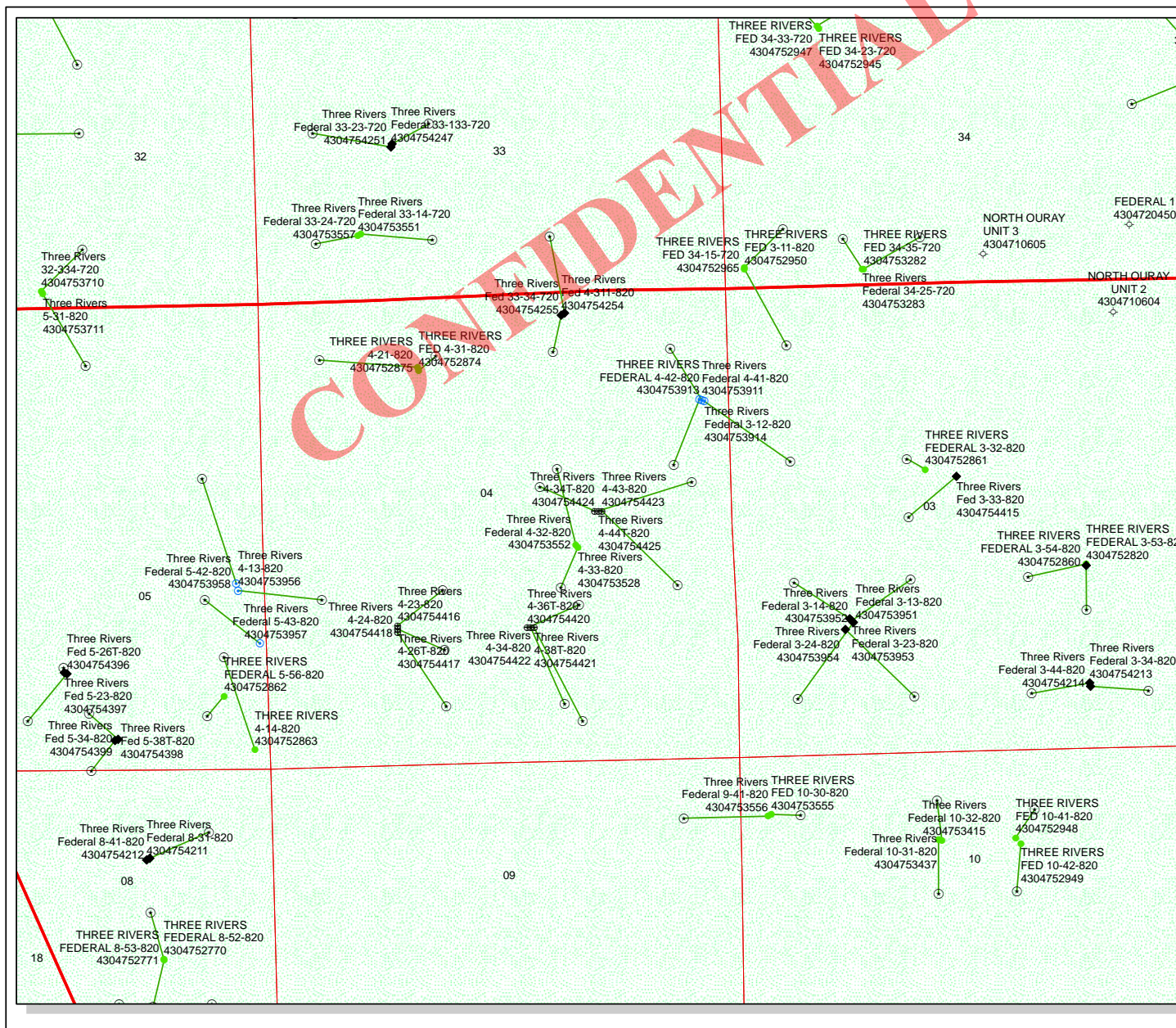
DRAWN BY: J.M.C.

DATE DRAWN: 05-06-14

REV: 00-00-00

ROAD DESCRIPTION

RECEIVED: May 13, 2014



API Number: 4304754423

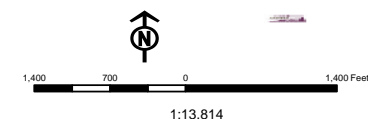
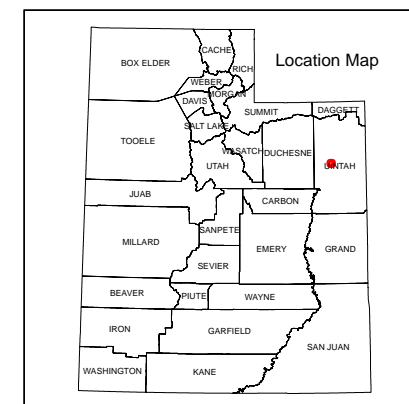
Well Name: Three Rivers 4-43-820

Township: T08.0S Range: R20.0E Section: 04 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 5/15/2014
Map Produced by Diana Mason

Wells Query		Units	
Status		STATUS	
APD - Approved Permit		ACTIVE	
DRL - Spudded (Drilling Commenced)		EXPLORATORY	
GIW - Gas Injection		GAS STORAGE	
GS - Gas Storage		NF PP OIL	
LOC - New Location		NF SECONDARY	
OPS - Operation Suspended		PI OIL	
PA - Plugged Abandoned		PP GAS	
PGW - Producing Gas Well		PP GEOTHERMAL	
POW - Producing Oil Well		PP OIL	
SGW - Shut-in Gas Well		SECONDARY	
SOW - Shut-in Oil Well		TERMINATED	
TA - Temp. Abandoned			
TW - Test Well			
WOW - Water Disposal			
WW - Water Injection Well			
WSW - Water Supply Well			



Well Name	ULTRA RESOURCES INC Three Rivers 4-43-820 43047544230000			
String	SURF	Prod		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	1000	6796		
Previous Shoe Setting Depth (TVD)	0	1000		
Max Mud Weight (ppg)	8.8	10.0		
BOPE Proposed (psi)	500	3000		
Casing Internal Yield (psi)	2950	5320		
Operators Max Anticipated Pressure (psi)	3550	10.0		

Calculations	SURF String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	458	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	338	YES <input type="checkbox"/> diverter with rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	238	YES <input type="checkbox"/> OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	238	NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=		1000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

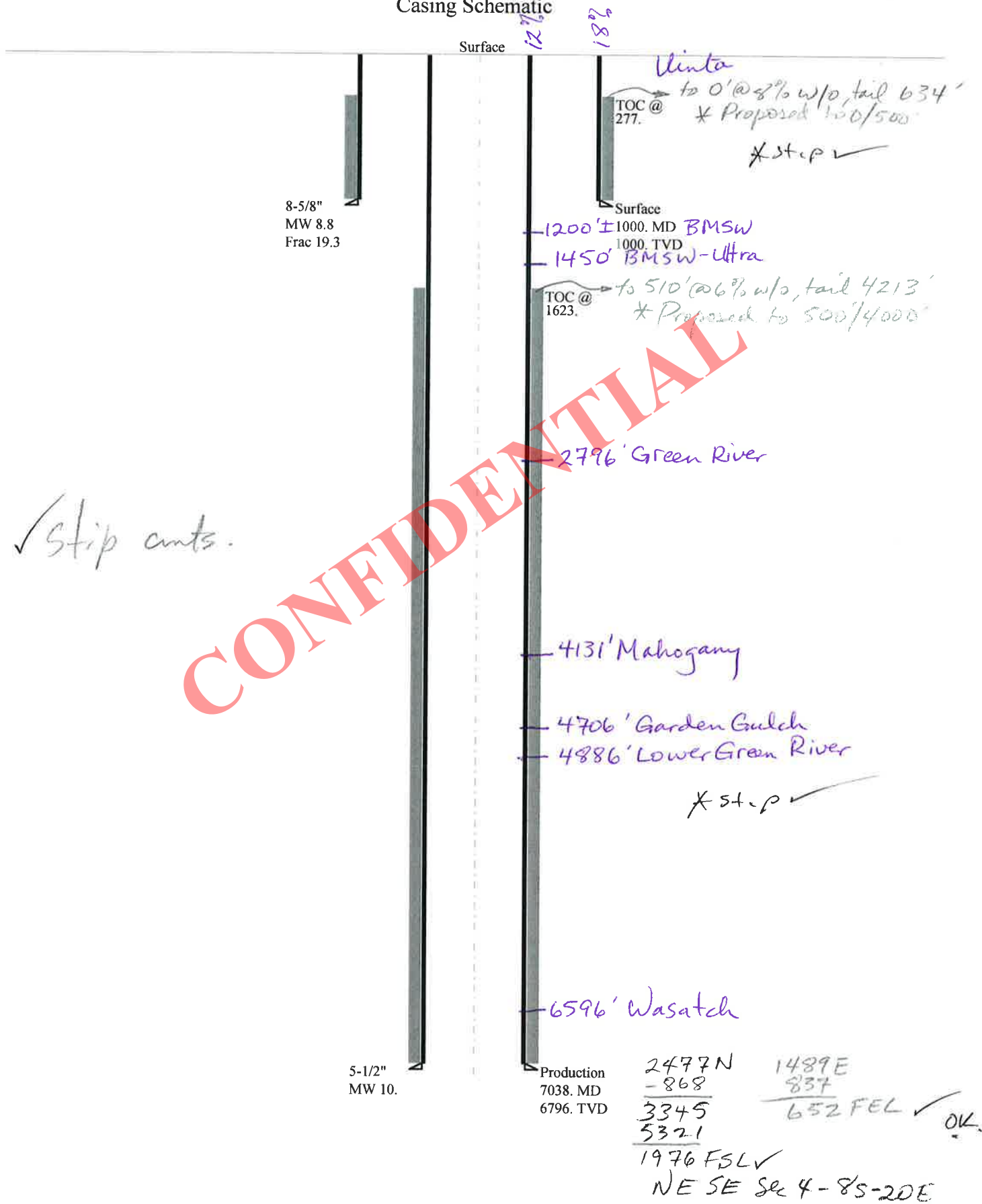
Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	3534	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2718	YES <input type="checkbox"/> 3M BOP, dbl ram, annular with diverter and rotating
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2039	YES <input type="checkbox"/> head
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2259	NO <input type="checkbox"/> OK
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1000	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO <input type="checkbox"/>
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO <input type="checkbox"/>
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO <input type="checkbox"/>
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43047544230000 Three Rivers 4-43-820

Casing Schematic



Well name:	43047544230000 Three Rivers 4-43-820	
Operator:	ULTRA RESOURCES INC	
String type:	Surface	Project ID: 43-047-54423
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 88 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 277 ft

Burst

Max anticipated surface pressure: 880 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,000 psi

Annular backup: 1.50 ppg

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 868 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 6,796 ft
Next mud weight: 10.000 ppg
Next setting BHP: 3,531 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,000 ft
Injection pressure: 1,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1000	8.625	24.00	J-55	ST&C	1000	1000	7.972	5147
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	457	1370	2.997	922	2950	3.20	20.8	244	11.72 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: July 14, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047544230000 Three Rivers 4-43-820	
Operator:	ULTRA RESOURCES INC	
String type:	Production	Project ID: 43-047-54423
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 10.000 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 169 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 1,623 ft

Burst

Max anticipated surface pressure: 2,035 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,531 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Directional Info - Build & Drop

Kick-off point 1000 ft
Departure at shoe: 1206 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.
Neutral point: 6,007 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	7038	5.5	17.00	J-55	LT&C	6796	7038	4.767	27267

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3531	4910	1.391	3531	5320	1.51	98	247	2.52 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: July 14, 2014
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6796 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator ULTRA RESOURCES INC
Well Name Three Rivers 4-43-820
API Number 43047544230000 **APD No** 9700 **Field/Unit** THREE RIVERS
Location: 1/4,1/4 SWNE Sec 4 Tw 8.0S Rng 20.0E 2477 FNL 1489 FEL
GPS Coord (UTM) 613307 4445505 **Surface Owner** UPL Three Rivers Holdings, LLC

Participants

John Busch (ULTRA), Jim Burns (permit contractor), Martin Pierce (surveyor), Richard Powell (UDOGM)

Regional/Local Setting & Topography

This proposed well site is in the farmland surrounding Pelican Lake. Pelican Lake sits at the bottom of a sort of large shallow bowl. Immediately around the lake lies mostly irrigated crop land. Most of the farm fields are watered with large circular pivot irrigation systems and the wells scattered throughout these farm fields are generally placed in the corners of these fields out of reach of the irrigation sprinklers on land that is usually abandoned from farming operations. This well site sits in the corner of a farm field but the irrigation pivot does not make a full circle here and because of the placement of the well it will now make a smaller turn.

Surface Use Plan

Current Surface Use
Agricultural

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.01	Width 240 Length 360	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna
kocia weeds and corn stubble

Soil Type and Characteristics
Sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y
permeable soil

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	25 to 75	15
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	High permeability	20
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		60 1 Sensitivity Level

Characteristics / Requirements

The reserve pit as proposed is 150ft x 60ft x 10ft deep and is to be placed in a cut stable location. This pit will require a 20 mil liner and felt subliner. The soil is very permeable and the pit will be used for three wells.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 20 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell
Evaluator

7/1/2014
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
9700	43047544230000	LOCKED	OW	P	No
Operator	ULTRA RESOURCES INC		Surface Owner-APD	UPL Three Rivers Holdings, LLC	
Well Name	Three Rivers 4-43-820		Unit		
Field	THREE RIVERS		Type of Work	DRILL	
Location	SWNE 4 8S 20E S 2477 FNL 1489 FEL GPS Coord (UTM) 613328E 4445498N				

Geologic Statement of Basis

Ultra proposes to set 1,000 feet of surface pipe, cemented to surface. The depth to the base of the moderately saline water at this location is estimated to be at approximately 1,200 feet. A search of Division of Water Rights records shows 6 water wells within a 10,000 foot radius of the center of Section 4. The wells range in depth from 70 to 150 feet with no depth being listed for 1 well. Listed uses are irrigation, domestic, stock watering and oil exploration. The surface formation at this site is the Uinta Formation and alluvium derived from the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement should adequately protect ground water in this area.

Brad Hill
APD Evaluator

7/8/2014
Date / Time

Surface Statement of Basis

This proposed three well pad is on fee surface with fee minerals. The surface owner is UPL Three Rivers Holdings which is also the operator of the proposed wells. John Busch acted as representative of both Ultra Resources and UPL Three Rivers Holdings at this onsite inspection. This proposed pad sits in a corner of a large irrigated farm field about 2.5 miles south of Pelican Lake. As placed the well site does interfere with the irrigation system and the rotational turn of the pivot is shortened because of this well. But the operator is the land owner in this case and they willingly sacrifice the farm use of this ground. The site is quite flat with a gentle east slope. The soil here is quite permeable and a berm will be required around the location. A reserve pit will be built and will require a minimum 20 mil liner and felt subliner. According to Mr. John Busch, Ultra uses a 20 mil liner as a general practice. This appears to be a good site for placement of this well.

Richard Powell
Onsite Evaluator

7/1/2014
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from entering or leaving the pad.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

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API Well Number: 43047544230000

Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

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WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/13/2014

API NO. ASSIGNED: 43047544230000

WELL NAME: Three Rivers 4-43-820

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 303 645-9804

CONTACT: Jenna Anderson

PROPOSED LOCATION: SWNE 04 080S 200E

Permit Tech Review: ☒

SURFACE: 2477 FNL 1489 FEL

Engineering Review: ☒

BOTTOM: 1980 FSL 0660 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.15219

LONGITUDE: -109.66942

UTM SURF EASTINGS: 613328.00

NORTHINGS: 4445498.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☒ PLAT
- ☒ Bond: STATE - 022046398
- ☐ Potash
- ☐ Oil Shale 190-5
- ☐ Oil Shale 190-3
- ☐ Oil Shale 190-13
- ☒ Water Permit: 49-2262
- ☐ RDCC Review:
- ☒ Fee Surface Agreement
- ☐ Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- ☐ R649-2-3.
- Unit:
- ☐ R649-3-2. General
- ☒ R649-3-3. Exception
- ☒ Drilling Unit
- Board Cause No: Cause 270-02
- Effective Date: 11/9/2013
- Siting: 2 Wells Per 40 Acres
- ☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations:

- 1 - Exception Location - bhill
- 5 - Statement of Basis - bhill
- 12 - Cement Volume (3) - hmacdonald
- 15 - Directional - dmason
- 25 - Surface Casing - ddoucet

RECEIVED: July 17, 2014



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Three Rivers 4-43-820

API Well Number: 43047544230000

Lease Number: FEE

Surface Owner: FEE (PRIVATE)

Approval Date: 7/17/2014

Issued to:

ULTRA RESOURCES INC, 304 Inverness Way South #295, Englewood, CO 80112

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place lead cement from the pipe setting depth back to 500' MD and tail cement to 4000' as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface. If water flows are encountered in the drilling of the surface casing or production casing the 11.5 ppg and 11.0 ppg cements will not be allowed. A cement of adequate density and strength will need to be pumped to ensure proper isolation.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or

plugging

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a faint horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: ULTRA RESOURCES INC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112		8. WELL NAME and NUMBER: Three Rivers 4-43-820
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2477 FNL 1489 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047544230000
PHONE NUMBER: 303 645-9810 Ext		9. FIELD and POOL or WILDCAT: THREE RIVERS
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 8/11/2014	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Ultra Resources will be moving ProPetro to spud the Three Rivers 4-43-820 (API #43-047-54423) on 8/11/2014.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY August 11, 2014		
NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A	DATE 8/11/2014	

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BLM - Vernal Field Office - Notification Form

_Submitted By JARED MEJORADO Phone Number 713-948-9196
Well Name/Number Three Rivers 4-43-820
Qtr/Qtr SW NE Section 4 Township 78S Range 20E
Lease Serial Number FEE
API Number 43-047-54423

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☒ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 9/28/2014 8:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _ _ AM ☐ PM ☐

Remarks If you have any questions please call.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Three Rivers 4-43-820	
2. NAME OF OPERATOR: ULTRA RESOURCES INC	9. API NUMBER: 43047544230000	
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2477 FNL 1489 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 10/10/2014	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Monthly status report of drilling and completion attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 14, 2014

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A		DATE 10/10/2014

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 08/26/2014

WELL NAME

THREE RIVERS 4-43-820

AFE#

140970

SPUD DATE

09/26/2014

WELL SITE CONSULTANT

JEREMY / JARED

PHONE#

713-948-9196

CONTRACTOR

Other

TD AT REPORT

1,032'

FOOTAGE

913'

PRATE

CUM. DRLG. HRS

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

6,996'

PRESENT OPS

Drilling at 1,032'

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

8 5/8

NEXT CASING DEPTH

1,012

SSE

SSED

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Conductor			08/11/2014		16	ARJ-55	45	118				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL		HRS	24hr DIST		24HR ROP	CUM HRS		CUM DIST	CUM ROP	
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads			50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa			7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig			127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/			5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte			20,000
8100..605: Cementing Work			25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies				8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost			717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 08/27/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970	SPUD DATE	09/26/2014
WELL SITE CONSULTANT	JARED MEJORADO			PHONE#	713-948-9196	CONTRACTOR	Other
TD AT REPORT	1,032'	FOOTAGE	913'	PRATE	96.1	CUM. DRLG. HRS	
ANTICIPATED TD	6,996'	PRESENT OPS	Drilling at 1,032'			DRLG DAYS SINCE SPUD	0
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:	DH:	
MUD COMPANY:				MUD ENGINEER:			
LAST BOP TEST		NEXT CASING SIZE	8 5/8	NEXT CASING DEPTH	1,012	SSE	SSED

TIME BREAKDOWN		
DRILLING	9.50	RIG UP / TEAR DOWN
		7.50

DETAILS				
Start	End	Hrs		
20:00	03:30	07:30	MOVE RIG ON LOCATION & RIG UP - HAD TO WAIT FOR MORE FLOWLINE TO REACH RESERVE PIT	
03:30	13:00	09:30	DRILL FROM 119' TO 1032'	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE						
Fluid	Used	Received	Transferred	On Hand	Cum.Used	
Fuel	1,500.0	1,500.0		0.0	1,500.0	
Gas						
Fresh Well Water						
Nano Water						
Frac Water						
Reserve Pit Water						
Boiler Hours						
Air Heater Hours						
Urea				0.0		
Urea Sys 1 Hrs						
Urea Sys 2 Hrs						
Urea Sys 3 Hrs						

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/27/2014	8 5/8	J-55	24	1,012		
Conductor	08/11/2014	16	ARJ-55	45	118		

RECENT BITS:											
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R		

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	26,794	26,794	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	263	263	7,500
8100..320: Mud & Chemicals			45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	29,824	29,824	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	1,246	1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	1,557	1,557	20,000
8100..605: Cementing Work	20,237	20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	8,654	8,654		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	88,574	88,574	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 08/31/2014

WELL NAME	THREE RIVERS 4-43-820	AFE#	140970	SPUD DATE	09/26/2014
WELL SITE CONSULTANT	JARED MEJORADO	PHONE#	713-948-9196	CONTRACTOR	Other
TD AT REPORT	(no data)	FOOTAGE		PRATE	CUM. DRLG. HRS 9.5 DRLG DAYS SINCE SPUD 0
ANTICIPATED TD	6,996'	PRESENT OPS	(nothing recorded)	GEOLOGIC SECT.	
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF: DH:
MUD COMPANY:			MUD ENGINEER:		
LAST BOP TEST	NEXT CASING SIZE	NEXT CASING DEPTH	SSE	SSED	

AFE Days vs Depth:	AFE Cost Vs Depth:
DWOP Days vs Depth:	# LL/BP Received Today:

RECENT CASINGS RUN:		Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface		08/27/2014	8 5/8	J-55	24	1,012		
Conductor		08/11/2014	16	ARJ-55	45	118		

RECENT BITS:		MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
BIT	SIZE								

BIT OPERATIONS:		RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
BIT	WOB										

RECENT MUD MOTORS:		MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT
#	SIZE								

MUD MOTOR OPERATIONS:		REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
#	WOB							

SURVEYS		TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type
Date										

DAILY COSTS	DAILY	CUM	AFE
8100..100: Permits & Fees			4,500
8100..110: Staking & Surveying			1,500
8100..200: Location Roads		26,794	50,000
8100..220: Secondary Reclamati			
8100..300: Water Well			
8100..320: Mud & Chemicals			45,000
8100..400: Drilling Rig		29,824	127,000
8100..405: Rig Fuel			40,000
8100..420: Bits & Reamers			15,500
8100..510: Testing/Inspection/		1,246	5,000
8100..530: Equipment Rental			25,000
8100..532: Solids Control Equi			7,000
8100..540: Fishing			
8100..605: Cementing Work		20,237	25,000
8100..700: Logging - Openhole			15,000
8100..800: Supervision/Consult			25,000
8100..900: Contingencies		8,654	
8100..999: Non Operated IDC			
8200..520: Trucking & Hauling			7,000
8200..605: Cementing Work			25,000
8210..620: Wellhead/Casing Hea			20,000

8100..105: Insurance	DAILY	CUM	AFE
8100..120: Surface Damages & R			2,000
8100..210: Reclamation			
8100..230: Pit Solidification			5,000
8100..310: Water/Water Disposa		263	7,500
8100..325: Oil Base Mud Diesel			
8100..402: Drilling Rig Cleani			
8100..410: Mob/Demob			17,000
8100..500: Roustabout Services			7,000
8100..520: Trucking & Hauling			10,000
8100..531: Down Hole Motor Ren			1,500
8100..535: Directional Drillin			76,000
8100..600: Surface Casing/Inte		1,557	20,000
8100..610: P & A			
8100..705: Logging - Mud			
8100..810: Engineering/Evaluat			
8100..950: Administrative O/H			
8200..510: Testing/Inspection/			2,000
8200..530: Equipment Rental			37,500
8210..600: Production Casing			94,000
Total Cost		88,574	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/01/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970	SPUD DATE	09/26/2014	
WELL SITE CONSULTANT	JARED MEJORADO			PHONE#	713-948-9196	CONTRACTOR	Other	
TD AT REPORT	(no data)	FOOTAGE		PRATE	CUM. DRLG. HRS	9.5	DRLG DAYS SINCE SPUD	0
ANTICIPATED TD	6,996'	PRESENT OPS	(nothing recorded)			GEOLOGIC SECT.		
DAILY MUD LOSS	SURF:		DH:		CUM. MUD LOSS	SURF:		DH:
MUD COMPANY:					MUD ENGINEER:			
LAST BOP TEST	NEXT CASING SIZE			NEXT CASING DEPTH			SSE	SSED

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			08/27/2014		8 5/8	J-55	24	1,012				
Conductor			08/11/2014		16	ARJ-55	45	118				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS		24hr DIST		24HR ROP	CUM HRS	CUM DIST	CUM ROP		
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		26,794	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	1,418	1,681	7,500
8100..320: Mud & Chemicals	1,155	1,155	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		29,824	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte	24,994	26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	243	8,897		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	27,810	116,384	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/24/2014

WELL NAME

THREE RIVERS 4-43-820

AFE#

140970

SPUD DATE

09/26/2014

WELL SITE CONSULTANT

JARED MEJORADO

PHONE#

713-948-9196

CONTRACTOR

Other

TD AT REPORT

(no data)

FOOTAGE

PRATE

CUM. DRLG. HRS

9.5

DRLG DAYS SINCE SPUD

0

ANTICIPATED TD

6,996'

PRESENT OPS

(nothing recorded)

GEOLOGIC SECT.

DAILY MUD LOSS

SURF:

DH:

CUM. MUD LOSS

SURF:

DH:

MUD COMPANY:

MUD ENGINEER:

LAST BOP TEST

NEXT CASING SIZE

NEXT CASING DEPTH

SSE

SSED

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			08/27/2014		8 5/8	J-55	24	1,012				
Conductor			08/11/2014		16	ARJ-55	45	118				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R			
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT			
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP				
SURVEYS												
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type			

DAILY COSTS			DAILY	CUM	AFE				DAILY	CUM	AFE
8100..100: Permits & Fees					4,500	8100..105: Insurance					2,000
8100..110: Staking & Surveying					1,500	8100..120: Surface Damages & R					
8100..200: Location Roads				26,794	50,000	8100..210: Reclamation					
8100..220: Secondary Reclamati						8100..230: Pit Solidification					5,000
8100..300: Water Well						8100..310: Water/Water Disposa			1,681		7,500
8100..320: Mud & Chemicals				1,155	45,000	8100..325: Oil Base Mud Diesel					
8100..400: Drilling Rig				29,824	127,000	8100..402: Drilling Rig Cleani					
8100..405: Rig Fuel					40,000	8100..410: Mob/Demob					17,000
8100..420: Bits & Reamers					15,500	8100..500: Roustabout Services					7,000
8100..510: Testing/Inspection/				1,246	5,000	8100..520: Trucking & Hauling					10,000
8100..530: Equipment Rental					25,000	8100..531: Down Hole Motor Ren					1,500
8100..532: Solids Control Equi					7,000	8100..535: Directional Drillin					76,000
8100..540: Fishing						8100..600: Surface Casing/Inte			26,551		20,000
8100..605: Cementing Work				20,237	25,000	8100..610: P & A					
8100..700: Logging - Openhole					15,000	8100..705: Logging - Mud					
8100..800: Supervision/Consult					25,000	8100..810: Engineering/Evaluat					
8100..900: Contingencies				8,897		8100..950: Administrative O/H					
8100..999: Non Operated IDC						8200..510: Testing/Inspection/					2,000
8200..520: Trucking & Hauling					7,000	8200..530: Equipment Rental					37,500
8200..605: Cementing Work					25,000	8210..600: Production Casing					94,000
8210..620: Wellhead/Casing Hea					20,000	Total Cost				116,384	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/25/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970	SPUD DATE	09/26/2014		
WELL SITE CONSULTANT	JARED MEJORADO			PHONE#	713-948-9196	CONTRACTOR	Other		
TD AT REPORT	1,525'	FOOTAGE	493'	PRATE	CUM. DRLG. HRS		9.5	DRLG DAYS SINCE SPUD	0
ANTICIPATED TD	6,996'	PRESENT OPS	Directional Drilling at 1,525'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	DH:		CUM. MUD LOSS	SURF:		DH:		
MUD COMPANY:				MUD ENGINEER:					
LAST BOP TEST		NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	6,996	SSE	0	SSED	0

AFE Days vs Depth:

DWOP Days vs Depth:

AFE Cost Vs Depth:

LL/BP Received Today:

RECENT CASINGS RUN:			Date Set		Size	Grade	Weight	Depth	FIT Depth		FIT ppg	
Surface			08/27/2014		8 5/8	J-55	24	1,012				
Conductor			08/11/2014		16	ARJ-55	45	118				
RECENT BITS:												
BIT	SIZE	MANUF	TYPE	SERIAL NO.		JETS		TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS		HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE		SERIAL NO.		LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT	
MUD MOTOR OPERATIONS:												
#	WOB	REV/GAL		HRS		24hr DIST		24HR ROP		CUM HRS	CUM DIST	CUM ROP
SURVEYS												
Date	TMD	Incl	Azimuth		TVD	VS	NS	EW	DLS	Tool Type		

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		26,794	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Dispos		1,681	7,500
8100..320: Mud & Chemicals		1,155	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig		29,824	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel			40,000	8100..410: Mob/Demob			17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		1,246	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental			25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi			7,000	8100..535: Directional Drillin			76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult			25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies		8,897		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost		116,384	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/26/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970		SPUD DATE	09/26/2014		
WELL SITE CONSULTANT	ANTHONY MEJORADO/JARED MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	1,525'	FOOTAGE	493'	PRATE	164.3	CUM. DRLG. HRS	12.5	DRLG DAYS SINCE SPUD	0	
ANTICIPATED TD	6,996'	PRESENT OPS	Directional Drilling at 1,525'			GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	0	DH:	0	CUM. MUD LOSS	SURF:	0	DH:	0	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	09/26/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,996	SSE	0	SSED	0

TIME BREAKDOWN									
DIRECTIONAL DRILLING		3.00	DRILLING CEMENT		1.50	NIPPLE UP B.O.P.		2.50	
OTHER		1.00	PRESSURE TEST B.O.P.		4.50	RIG MOVE		6.50	
RIG REPAIRS		1.00	RIG SERVICE		0.50	RIG UP / TEAR DOWN		1.50	
TRIPPING		1.00	WORK BHA		1.00				

DETAILS				
Start	End	Hrs		
06:00	07:00	01:00	WAIT ON DAYLIGHT	
07:00	13:30	06:30	MOVE RIG .4 MILES WITH RW JONES TRUCKING - TRUCKS RELEASED @ 1330 HRS	
13:30	15:00	01:30	RIGGING UP WITH CREW - ELECTRICAL LINES, WATER LINES, MUD LINE, FLOW LINE, HYDRAULIC LINES, PREP TO RAISE DERRICK, RAISE DERRICK, PREP FLOOR FOR DRILLING OPERATIONS	
			NIPPLE UP BOP - RIG UP CHOKE LINE, KOOMY LINES, AND FLARE LINE - CHAIN DOWN STACK	
15:00	17:30	02:30	RIG UP TESTER (WALKER TESTING) TEST BOP - PIPE RAMS, BLIND RAMS, CHOKE LINE & CHOKE VALVES, FOSV, INSIDE BOP, KILL LINE AND VALVES, CHOKE LINE, CHOKE MANIFOLD & VALVES, HCR & MANUAL VALVE ALL @ 10 MIN 250 PSI LOW 10 MIN 3000 PSI HIGH - ANNULAR @ 10 MIN 1500 PSI HIGH 10 MIN 250 PSI LOW - CASING @ 30 MIN 1500 PSI - ACCUMULATOR FUNCTION TEST, RIG DOWN TESTER.	
17:30	22:00	04:30	RIG SERVICE - TIGHTEN PULL DOWN CABLES FOR TOPDRIVE	
			DOWN TIME - CONT. TIGHTENING PULL DOWN CABLES FOR TOPDRIVE	
22:00	22:30	00:30	MAKE UP BIT & MOTOR - PICK UP DIRECTIONAL TOOLS & MWD	
22:30	23:30	01:00	TRIP IN HOLE TO DRILL OUT FLOAT EQUIPMENT - INSTALL ROTATING HEAD.	
23:30	00:30	01:00	TAG CEMENT @ 910' DRILL CEMENT TAG FLOAT COLLAR @ 978' & SHOE @ 1012' WITH 300 GPM, 25 RPM, 5-8K WOB	
00:30	01:30	01:00	DIRECTIONAL DRILLING FROM 1032' TO 1525' (493") 164.3 FT/HR - W/20K WT ON BIT - 440GPM -125 SPM, 60 RPM - 350-550 DIFF - 7-8K TORQUE - 1815 PSI SPP.	
01:30	03:00	01:30	SAFETY MEETING DAYS:PPE, SWA,MOVING RIG & RIGGING UP	
03:00	06:00	03:00	SAFETY MEETING NIGHTS: PPE,SWA,NIPPLE UP B.O.P. & TEST B.O.P.	
05:55	05:55	00:00	REGULATORY VISITS: NONE.	
			INCIDENTS: NONE.	
			SAFETY DRILLS: NONE.	
			REGULATORY NOTICES;	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	0.0	4,860.0		4,860.0	1,500.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/27/2014	8 5/8	J-55	24	1,012		
Conductor	08/11/2014	16	ARJ-55	45	118		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153351	12/12/12/12/12/12		1,032		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		50/127	440	1,750	2.05	3.00	493	164.33	3.00	493	164.33

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	STEERABLE	6101	7/8	1,032		09/26/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	20	0.29	3.00	493	164.33	3.00	493	164.33			

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
09/26/2014	1,336	4.5	155.52	1,336	12.2	-10.58	6.75	0.9	MWD Survey Tool	
09/26/2014	1,245	4.2	145.12	1,245	5.6	-4.60	3.36	3.1	MWD Survey Tool	
09/26/2014	1,155	1.4	136.72	1,155	1.3	-1.08	0.71	1.4	MWD Survey Tool	

MUD PROPERTIES									
Type	LSND	Mud Wt	9.3	Alk.	2.5	Sand %	0.0	XS Lime lb/bbl	
Temp.	95	Gels 10sec	7	Cl ppm	2,200	Solids %	8.0	Salt bbls	
Visc	38	Gels 10min	12	Ca ppm	20	LGS %	5.0	LCM ppb	
PV	6	pH	8.9	pF	0.5	Oil %		API WL cc	16.4
YP	9	Filter Cake/32	2	Mf	4.5	Water %	92.0	HTHP WL cc	
O/W Ratio		ES		WPS					
Comments:	MEGA-CIDE 2, TRAILER 1								
Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0			

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>123</u>	PSI	<u>1,650</u>	GPM	<u>440</u>	SPR	<u> </u>	Slow PSI	<u> </u>
Pump 2 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u>43</u>	Slow PSI	<u>253</u>
Pump 32 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u> </u>	Slow PSI	<u> </u>
BHA Makeup	STEARABLE												
Up Weight	<u>65</u>	Dn Weight	<u>60</u>	RT Weight	<u>62</u>			Length	<u>891.2</u>			Hours on BHA	<u>3</u>
								Torque	<u>8,500</u>			Hours on Motor	<u>3</u>

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153351	HUGHES T506 6X12
2	MUD MOTOR	6.500	0.000	35.64		6101	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.14		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		26,794	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	1,158	2,838	7,500
8100..320: Mud & Chemicals	2,848	4,003	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	49,249	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	9,234	9,234	40,000	8100..410: Mob/Demob	2,215	2,215	17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	2,325	3,571	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	3,225	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	425	7,000	8100..535: Directional Drillin	10,000	10,000	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	4,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,878	14,775		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing			94,000
8210..620: Wellhead/Casing Hea			20,000	Total Cost	61,532	177,916	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/27/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970	SPUD DATE	09/26/2014		
WELL SITE CONSULTANT	ANTHONY MEJORADO/JARED MEJORA			PHONE#	713-948-9196	CONTRACTOR	Ensign 122		
TD AT REPORT	4,423'	FOOTAGE	2,898'	PRATE	123.3	CUM. DRLG. HRS	36.0	DRLG DAYS SINCE SPUD	1
ANTICIPATED TD	6,996'	PRESENT OPS	Directional Drilling at 4,423'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF: 0	DH: 85	CUM. MUD LOSS	SURF: 0	DH: 85				
MUD COMPANY:	ANCHOR			MUD ENGINEER:	DAN KASTEL				
LAST BOP TEST	09/26/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH	6,996	SSE	0	SSED	0

TIME BREAKDOWN		
DIRECTIONAL DRILLING	23.50	RIG SERVICE 0.50

DETAILS				
Start	End	Hrs		
06:00	12:00	06:00	DIRECTIONAL DRILLING FROM 1525' TO 2657' (1132') 188.7 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=1520 PSI, DIFF PRESSURE=200-550 PSI, WOB=20-24K, TQ=9800 FT/LBS, MUD WT 9.5, VIS 38	
12:00	12:30	00:30	RIG SERVICE - GREASE WASHPIPE, PIPEARM, ROUGHNECK, CATWALK AND PILLAR BLOCKS - CHECK OIL LEVEL IN ALL PUMPS AND MOTORS	
12:30	00:00	11:30	DIRECTIONAL DRILLING FROM 2657' TO 3912' (1255') 109.13 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=1735 PSI, DIFF PRESSURE=200-550 PSI, WOB=20-24K, TQ=9800 FT/LBS, MUD WT 9.5, VIS 43	
00:00	06:00	06:00	DIRECTIONAL DRILLING FROM 3912' TO 4423' (511') 85.2 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=1835 PSI, DIFF PRESSURE=200-550 PSI, WOB=20-24K, TQ=9800 FT/LBS, MUD WT 9.5, VIS 44	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, MAKING CONNECTIONS SAFETY MEETING NIGHTS: PPE,SWA, B.O.P. RESPONSIBILITIES REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: B.O.P. DRILL HELD FOR BOTH DAY & NIGHT CREWS - CREWS READY UNDER 1MIN. REGULATORY NOTICES;	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,220.0	0.0	0.0	3,640.0	2,720.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/27/2014	8 5/8	J-55	24	1,012		
Conductor	08/11/2014	16	ARJ-55	45	118		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153351	12/12/12/12/12/12	0.663	1,032		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		50/127	440	1,825	2.10	23.50	2,898	123.32	26.50	3,391	127.96

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	STEERABLE	6101	7/8	1,032		09/26/2014			

MUD MOTOR OPERATIONS:										
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP		
1	25	0.29	23.50	2,898	123.32	26.50	3,391	127.96		

SURVEYS										
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type	
09/27/2014	4,234	13.4	135.60	4,000	1,109.1	-746.76	820.72	2.3	MWD Survey Tool	
09/27/2014	4,139	15.4	131.72	3,908	1,085.5	-730.52	803.62	3.6	MWD Survey Tool	
09/27/2014	4,053	18.4	128.99	3,826	1,060.6	-714.39	784.56	2.6	MWD Survey Tool	

MUD PROPERTIES										
Type	LSND	Mud Wt	9.7	Alk.	3.0	Sand %	0.0	XS Lime lb/bbl		
Temp.	95	Gels 10sec	1	Cl ppm	2,100	Solids %	8.0	Salt bbls		
Visc	39	Gels 10min	4	Ca ppm	2,100	LGS %	6.0	LCM ppb		
PV	12	pH	10.3	pF	1.0	Oil %		API WL cc	7.6	
YP	8	Filter Cake/32	1	Mf	2.0	Water %	92.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:	ALUM STERATE 1, DRISPAC REG 7, LIGNITE 2, PHPA 4, SAWDUST 35, FLOWZAN 3, SODIUM BICARBONATE 5, DRISPAC LOW VIS 4, MEGA-CIDE 4, TRAILER 1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION														
Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>123</u>	PSI	<u>1,800</u>	GPM	<u>440</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>	
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	<u>50</u>	Slow PSI	<u>440</u>	
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI		
BHA Makeup	STEARABLE							Length	<u>891.2</u>	Hours on BHA				<u>27</u>
Up Weight	<u>125</u>	Dn Weight	<u>75</u>	RT Weight	<u>95</u>			Torque	<u>10,200</u>	Hours on Motor				<u>27</u>

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153351	HUGHS T506 6X12
2	MUD MOTOR	6.500	0.000	35.64		6101	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.14		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads	500	27,294	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	2,838	7,500	
8100..320: Mud & Chemicals	4,943	8,946	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	68,674	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,234	40,000	8100..410: Mob/Demob	2,215	17,000	
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,571	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	6,450	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	850	7,000	8100..535: Directional Drillin	8,150	18,150	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	9,600	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	5,607	20,382		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	105,491	105,491	94,000
8210..620: Wellhead/Casing Hea	7,146	7,146	20,000	Total Cost	159,711	337,627	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/28/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970		SPUD DATE	09/26/2014		
WELL SITE CONSULTANT	ANTHONY MEJORADO/JARED MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122		
TD AT REPORT	6,733'	FOOTAGE	2,310'	PRATE	98.3	CUM. DRLG. HRS	59.5	DRLG DAYS SINCE SPUD	2	
ANTICIPATED TD	6,996'	PRESENT OPS	Directional Drilling at 6,733'			GEOLOGIC SECT.				
DAILY MUD LOSS	SURF:	0	DH:	250	CUM. MUD LOSS	SURF:	0	DH:	335	
MUD COMPANY:	ANCHOR			MUD ENGINEER:			DAN KASTEL			
LAST BOP TEST	09/26/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,996	SSE	0	SSED	0

TIME BREAKDOWN		
DIRECTIONAL DRILLING	23.50	RIG SERVICE 0.50

DETAILS				
Start	End	Hrs		
06:00	12:00	06:00	DIRECTIONAL DRILLING FROM 4423' TO 5103' (680') 113.3 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=2035 PSI, DIFF PRESSURE=200-550 PSI, WOB=22-26K, TQ=10800 FT/LBS, MUD WT 9.5, VIS 45	
12:00	12:30	00:30	RIG SERVICE - GREASE WASHPIPE, PIPEARM, ROUGHNECK, CATWALK AND PILLAR BLOCKS - CHECK OIL LEVEL IN ALL PUMPS AND MOTORS	
12:30	00:00	11:30	DIRECTIONAL DRILLING FROM 5103' TO 6325' (1222') 106.26 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=2145 PSI, DIFF PRESSURE=200-550 PSI, WOB=22-26K, TQ=10800 FT/LBS, MUD WT 9.7, VIS 46	
00:00	06:00	06:00	DIRECTIONAL DRILLING FROM 6325' TO 6733' (408') 68 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=2300 PSI, DIFF PRESSURE=200-550 PSI, WOB=22-26K, TQ=10300 FT/LBS, MUD WT 9.7, VIS 46	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA,MIXING CHEMICALS SAFETY MEETING NIGHTS: PPE,SWA, WEATHER CONDITIONS REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE. REGULATORY NOTICES; SENT OUT PRODUCTION CASING NOTIFICATION TO THE STATE OF UTAH @ 1900 HRS 9/27/14	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	1,610.0	0.0	0.0	2,030.0	4,330.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Surface	08/27/2014	8 5/8	J-55	24	1,012		
Conductor	08/11/2014	16	ARJ-55	45	118		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153351	12/12/12/12/12	0.663	1,032		-----	

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		50/127	440	2,220	2.14	23.50	2,310	98.30	50.00	5,701	114.02

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	STEERABLE	6101	7/8	1,032		09/26/2014			

MUD MOTOR OPERATIONS:								
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1	25	0.29	23.50	2,310	98.30	50.00	5,701	114.02

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
09/28/2014	6,589	1.7	166.58	6,346	1,249.7	-893.18	874.62	0.6	MWD Survey Tool		
09/28/2014	6,499	2.2	168.12	6,256	1,247.1	-890.20	873.95	0.7	MWD Survey Tool		
09/28/2014	6,408	1.9	184.12	6,165	1,244.7	-886.98	873.70	0.1	MWD Survey Tool		

MUD PROPERTIES										
Type	LSND	Mud Wt	9.7	Alk.	3.5	Sand %	0.0	XS Lime lb/bbl		
Temp.	95	Gels 10sec	3	Cl ppm	2,100	Solids %	8.0	Salt bbls		
Visc	45	Gels 10min	10	Ca ppm	2,100	LGS %	6.0	LCM ppb		
PV	16	pH	9.8	pF	2.0	Oil %		API WL cc	6.8	
YP	12	Filter Cake/32	1	Mf	6.0	Water %	93.0	HTHP WL cc		
O/W Ratio		ES		WPS						
Comments:	ALUM STERATE 1, CEDAR FIBER 9, DRISPAC REG 12, HI-YIELD GEL 2, LIGNITE 4, PHPA 1, SAWDUST 140, FLOWZAN 4, WALNUT 11, DRISPAC LOW VIS 11, MEGA-CIDE 3, TRAILER 1									

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION													
Pump 1 Liner	6.5	Stroke Len	9.0	SPM	123	PSI	2,220	GPM	440	SPR	43	Slow PSI	357
Pump 2 Liner		Stroke Len		SPM		PSI		GPM		SPR	50	Slow PSI	440
Pump 32 Liner		Stroke Len		SPM		PSI		GPM		SPR		Slow PSI	
BHA Makeup	STEARABLE												
Up Weight	153	Dn Weight	98	RT Weight	122			Length	891.2			Hours on BHA	50
								Torque	11,000			Hours on Motor	50

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153351	HUGHS T506 6X12
2	MUD MOTOR	6.500	0.000	35.64		6101	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.14		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

DAILY COSTS	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		27,294	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	315	3,153	7,500
8100..320: Mud & Chemicals	7,982	16,927	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	88,099	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel		9,234	40,000	8100..410: Mob/Demob		2,215	17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,571	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	9,675	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	425	1,275	7,000	8100..535: Directional Drillin	8,150	26,300	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	14,400	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	4,875	25,257		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing		105,491	94,000
8210..620: Wellhead/Casing Hea		7,146	20,000	Total Cost	49,197	386,824	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/29/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970		SPUD DATE	09/26/2014	
WELL SITE CONSULTANT	ANTHONY MEJORADO/JARED MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	6,994'	FOOTAGE	261'	PRATE	40.2	CUM. DRLG. HRS	66.0	DRLG DAYS SINCE SPUD	3
ANTICIPATED TD	6,996'	PRESENT OPS Logging at 6,994'				GEOLOGIC SECT.			
DAILY MUD LOSS	SURF:	0	DH:	265	CUM. MUD LOSS	SURF:	0	DH:	600
MUD COMPANY:	ANCHOR			MUD ENGINEER: DAN KASTEL					
LAST BOP TEST	09/26/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,979	SSE	0	SSED 0

TIME BREAKDOWN									
COND MUD & CIRCULATE	1.00	DIRECTIONAL DRILLING	6.50	RIG REPAIRS	5.50				
TRIPPING	7.00	WIRELINE	3.00	WORK BHA	1.00				

DETAILS				
Start	End	Hrs		
06:00	12:30	06:30	DIRECTIONAL DRILLING FROM 6733' TO 6994' (261') 40.2 FT/HR GPM=440, TOP DRIVE RPM=60, MOTOR RPM=128, TOTAL RPM=188, OFF BOTTOM PRESSURE=2300 PSI, DIFF PRESSURE=100-350 PSI, WOB=24-30K, TQ=11000 FT/LBS, MUD WT 9.7, VIS 46. TD @ 1230 ON 9/28/2014	
12:30	13:30	01:00	CIRCULATE PUMP HIHG VIS SWEEP	
13:30	14:00	00:30	T.O.O.H. FROM 6994' TO 6633' (PUMP AND ROTATE OUT)	
14:00	19:30	05:30	RIG REPAIR - BROKEN BOLT ON FUEL INJECTOR FOR HPU MOTOR - WAITED 2 HRS FOR MECHANIC TO ARRIVE ON LOCATION WITH CORRECT PARTS A REPLACE BROKEN INJECTOR BOLT	
19:30	02:00	06:30	CONT. T.O.O.H. FROM 6633 TO 6000' (PUMP AND ROTATE OUT) - PUMP DRY JOB - FLOW CHECK NEGATIVE - T.O.O.H. F/6000' TO DIRECTIONAL TOOLS - FILL HOLE CONTINUOUSLY WITH ACTIVE MUD 52BBLS - FUNCTION ANNULAR WHEN ROT. HEAD WAS PULLED	
02:00	03:00	01:00	PULL MWD TOOL - BREAK ALL DIRECTIONAL SUBS FOR INSPECTION - DRAIN M/M & CHECK SQUAT	
03:00	06:00	03:00	MOTOR IN GOOD SHAPE - BREAK BIT & LAY DOWN MUD MOTOR - FUNCTION PIPE & BLIND RAMS S/M - RIG UP LOGGING EQUIPMENT & RUN LOGS - LOGGER T.D. 6977' - LOG UP TO SURFACE W/HALIBURTON. TOOLS- RELEASABLE WIRELINE CABLE HEAD,GAMMA TELEMTRY, DUEL SPACE NEUTRON, DNS DECENTRALIZER, SPECTRAL DENSITY TOOL,DENSITY INSITE PAD, ARRAY COMPENSATED TRUE RESISTIVITY INSTRUMENT SECTION, ARRAY COMPENSATED RESISTIVITY SONDE SECTION, SP RING AND ROLLER BOOGIE.	
05:55	05:55	00:00	SAFETY MEETING DAYS:PPE, SWA, LOTO - PREPARING FOR TASKS SAFETY MEETING NIGHTS: PPE,SWA,TRIPPING PIPE & LOGGING REGULATORY VISITS: NONE. INCIDENTS: NONE. SAFETY DRILLS: NONE. REGULATORY NOTICES;	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE

Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	980.0	3,500.0	0.0	4,550.0	5,310.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	09/29/2014	5 1/2	N-80	17	6,979		
Production	09/29/2014	5 1/2	J-55	17	4,906		
Surface	08/27/2014	8 5/8	J-55	24	1,012		
Conductor	08/11/2014	16	ARJ-55	45	118		

RECENT BITS:										
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R	
1	7.875	HUGHES	T506	7153351	12/12/12/12/12/12	0.663	1,032	6,994	2-3-CT-A--X-BT-TD	

BIT OPERATIONS:												
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
1		50/127	440	2,220	2.14	6.50	261	40.15	56.50	5,962	105.52	

RECENT MUD MOTORS:												
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT			
1	6.500	HUNTING	STEERABLE	6101	7/8	1,032	6,994	09/26/2014	09/28/2014			

MUD MOTOR OPERATIONS:											
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP			
1	25	0.29	6.50	261	40.15	56.50	5,962	105.52			

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
09/29/2014	6,994	1.9	184.91	6,751	1,259.7	-907.19	875.01	0.0	MWD Survey Tool		
09/29/2014	6,941	1.9	184.91	6,698	1,258.6	-905.44	875.16	0.1	MWD Survey Tool		
09/29/2014	6,861	1.8	186.10	6,618	1,257.0	-902.86	875.41	0.5	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.7	Alk.	3.0	Sand %	0.0	XS Lime lb/bbl			
Temp.	130	Gels 10sec	4	Cl ppm	2,000	Solids %	8.0	Salt bbls			
Visc	43	Gels 10min	9	Ca ppm	20	LGS %	6.0	LCM ppb			
PV	16	pH	9.6	pF	1.0	Oil %		API WL cc	6.8		
YP	12	Filter Cake/32	1	Mf	5.0	Water %	93.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	ANCO BAR 154, ANCO DD 2, DRISPAC REG 6, HI-YIELD GEL 23, LIGNITE 2, PHPA 4, SAWDUST 200, FLOWZAN 4, SOLTEX 40, WALNUT 40, DRISPAC LOW VIS 1, TRAILER 1										

Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0
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SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>123</u>	PSI	<u>2,220</u>	GPM	<u>440</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>
Pump 2 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u>50</u>	Slow PSI	<u>440</u>
Pump 32 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u> </u>	Slow PSI	<u> </u>
BHA Makeup	STEARABLE												
Up Weight	<u>170</u>	Dn Weight	<u>120</u>	RT Weight	<u>140</u>			Length	<u>891.2</u>			Hours on BHA	<u>57</u>
								Torque	<u>11,500</u>			Hours on Motor	<u>57</u>

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153351	HUGHES T506 6X12
2	MUD MOTOR	6.500	0.000	35.64		6101	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.14		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		27,294	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa		3,153	7,500
8100..320: Mud & Chemicals	12,181	29,109	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	19,425	107,524	127,000	8100..402: Drilling Rig Cleani			
8100..405: Rig Fuel	10,744	19,977	40,000	8100..410: Mob/Demob		2,215	17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/		3,571	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental	3,225	12,900	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi	5,834	7,109	7,000	8100..535: Directional Drillin	8,150	34,450	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole			15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	3,600	18,000	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	7,248	32,505		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work			25,000	8210..600: Production Casing	1,533	107,024	94,000
8210..620: Wellhead/Casing Hea		7,146	20,000	Total Cost	71,940	458,764	717,000

ULTRA RESOURCES, INC.
DAILY DRILLING REPORT DATE: 09/30/2014

WELL NAME	THREE RIVERS 4-43-820			AFE#	140970		SPUD DATE	09/26/2014	
WELL SITE CONSULTANT	ANTHONY MEJORADO/JARED MEJORADO			PHONE#	713-948-9196		CONTRACTOR	Ensign 122	
TD AT REPORT	6,994'	FOOTAGE	0'	PRATE	CUM. DRLG. HRS 66.0		DRLG DAYS SINCE SPUD	4	
ANTICIPATED TD	6,996'	PRESNET OPS	Rig release at 6,994'			GEOLOGIC SECT.			
DAILY MUD LOSS	SURF: 0	DH: 0	CUM. MUD LOSS		SURF: 0	DH: 600			
MUD COMPANY:	ANCHOR			MUD ENGINEER:		DAN KASTEL			
LAST BOP TEST	09/26/2014	NEXT CASING SIZE	5 1/2	NEXT CASING DEPTH		6,979	SSE 0	SSED	0

TIME BREAKDOWN	CASING & CEMENT	9.00	COND MUD & CIRCULATE	1.00	NIPPLE DOWN B.O.P.	1.50
	RIG UP / TEAR DOWN	5.00	WIRELINE	1.50		

DETAILS				
Start	End	Hrs		
06:00	07:30	01:30	FINISH LOGGING WELL - RIG DOWN LOGGERS	
07:30	13:30	06:00	R/U AND RUN 46 JOINTS 5 1/2" L-80 AND 111 JOINTS 5 1/2" J-55, 17#, LT&C CASING + 2 MARKER JOINTS +FLOAT SHOE AND FLOAT COLLAR. THREAD LOCK FIRST TWO JOINTS - RUN CENTRALIZERS ON FIRST 4 JOINTS THEN EVERY 3RD TO SURFACE CASING - CASING SET @ 6979' RKB.	
13:30	14:30	01:00	CIRCULATE AND CONDITION MUD FOR CEMENT JOB	
14:30	17:30	03:00	SAFETY MEETING WITH HALLIBURTON - WITNESS TOP PLUG LOADED - RIG UP CEMENTERS - TEST LINES TO 5000 PSI - PUMP 50 BBLS 10.5 PPG TUNED SPACER, 146 BBLS 235 SACKS 11 PPG 3.5 YIELD LEAD CEMENT MIXED @ 20.92 GAL/SK, 112 BBLS 465 SKS 14 PPG 1.35 YIELD TAIL CEMENT MIXED @ 5.82 GAL/SK, SHUT DOWN WASH LINES DROP PLUG AND DISPLACE WITH 161.9 BBLS FRESH WATER - FINAL CIRCULATING PRESSURE 1580PSI BUMP PLUG AND HOLD 2190 PSI FOR TWO MINUTES - RELEASE PRESSURE FLOATS HELD - FULL TO 3/4 RETURNS DURING JOB - 0 BBLS CEMENT TO SURFACE	
17:30	19:00	01:30	NIPPLE DOWN BOP	
19:00	00:00	05:00	CLEAN TANKS & RIG DOWN FOR MOVE - RIG RELEASED FROM TR 4-43-820 @ 00:00 9/30/2014	

AFE Days vs Depth:		AFE Cost Vs Depth:	
DWOP Days vs Depth:		# LL/BP Received Today:	

FUEL AND WATER USAGE					
Fluid	Used	Received	Transferred	On Hand	Cum.Used
Fuel	550.0	0.0	4,000.0	0.0	5,860.0
Gas					
Fresh Well Water					
Nano Water					
Frac Water					
Reserve Pit Water					
Boiler Hours					
Air Heater Hours					
Urea				0.0	
Urea Sys 1 Hrs					
Urea Sys 2 Hrs					
Urea Sys 3 Hrs					

CASING EQUIPMENT
R/U AND RUN 46 JOINTS 5 1/2" L-80 AND 111 JOINTS 5 1/2" J-55, 17#, LT&C CASING + 2 MARKER JOINTS +FLOAT SHOE AND FLOAT COLLAR. THREAD LOCK FIRST TWO JOINTS - RUN CENTRALIZERS ON FIRST 4 JOINTS THEN EVERY 3RD TO SURFACE CASING - CASING SET @ 6979' RKB.

CEMENT JOB SUMMARY
SAFETY MEETING WITH HALLIBURTON - WITNESS TOP PLUG LOADED - RIG UP CEMENTERS - TEST LINES TO 5000 PSI - PUMP 50 BBLS 10.5 PPG TUNED SPACER, 146 BBLS 235 SACKS 11 PPG 3.5 YIELD LEAD CEMENT MIXED @ 20.92 GAL/SK, 112 BBLS 465 SKS 14 PPG 1.35 YIELD TAIL CEMENT MIXED @ 5.82 GAL/SK, SHUT DOWN WASH LINES DROP PLUG AND DISPLACE WITH 161.9 BBLS FRESH WATER - FINAL CIRCULATING PRESSURE 1580PSI BUMP PLUG AND HOLD 2190 PSI FOR TWO MINUTES - RELEASE PRESSURE FLOATS HELD - FULL TO 3/4 RETURNS DURING JOB - 0 BBLS CEMENT TO SURFACE

RECENT CASINGS RUN:	Date Set	Size	Grade	Weight	Depth	FIT Depth	FIT ppg
Production	09/29/2014	5 1/2	N-80	17	6,979		
Production	09/29/2014	5 1/2	J-55	17	4,906		
Surface	08/27/2014	8 5/8	J-55	24	1,012		
Conductor	08/11/2014	16	ARJ-55	45	118		

RECENT BITS:									
BIT	SIZE	MANUF	TYPE	SERIAL NO.	JETS	TFA	DEPTH IN	DEPTH OUT	I-O-D-L-B-G-O-R
1	7.875	HUGHES	T506	7153351	12/12/12/12/12/12	0.663	1,032	6,994	2-3-CT-A--X-BT-TD

BIT OPERATIONS:											
BIT	WOB	RPM	GPM	PRESS	HHP	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP
1		50/127	440	2,220	2.14	6.50	261	40.15	56.50	5,962	105.52

RECENT MUD MOTORS:											
#	SIZE	MANUF	TYPE	SERIAL NO.	LOBES	DEPTH IN	DEPTH OUT	DATE IN	DATE OUT		
1	6.500	HUNTING	STEERABLE	6101	7/8	1,032	6,994	09/26/2014	09/28/2014		

MUD MOTOR OPERATIONS:									
#	WOB	REV/GAL	HRS	24hr DIST	24HR ROP	CUM HRS	CUM DIST	CUM ROP	
1	25	0.29	6.50	261	40.15	56.50	5,962	105.52	

SURVEYS											
Date	TMD	Incl	Azimuth	TVD	VS	NS	EW	DLS	Tool Type		
09/29/2014	6,994	1.9	184.91	6,751	1,259.7	-907.19	875.01	0.0	MWD Survey Tool		
09/29/2014	6,941	1.9	184.91	6,698	1,258.6	-905.44	875.16	0.1	MWD Survey Tool		
09/29/2014	6,861	1.8	186.10	6,618	1,257.0	-902.86	875.41	0.5	MWD Survey Tool		

MUD PROPERTIES											
Type	LSND	Mud Wt	9.7	Alk.	2.0	Sand %	0.0	XS Lime lb/bbl			
Temp.	130	Gels 10sec	3	Cl ppm	2,000	Solids %	8.0	Salt bbls			
Visc	42	Gels 10min	6	Ca ppm	20	LGS %	6.0	LCM ppb			
PV	12	pH	9.2	pF	1.0	Oil %		API WL cc	7.2		
YP	10	Filter Cake/32	1	Mf	5.0	Water %	92.0	HTHP WL cc			
O/W Ratio		ES		WPS							
Comments:	ANCO BAR 40, TRAILER 1										
Flaring:	Flare Foot-Minutes	0	Flared MCF	0.0	Cum. Flared MCF	0.0					

SURFACE PUMP/BHA INFORMATION

Pump 1 Liner	<u>6.5</u>	Stroke Len	<u>9.0</u>	SPM	<u>123</u>	PSI	<u>2,220</u>	GPM	<u>440</u>	SPR	<u>43</u>	Slow PSI	<u>357</u>
Pump 2 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u>50</u>	Slow PSI	<u>440</u>
Pump 32 Liner	<u> </u>	Stroke Len	<u> </u>	SPM	<u> </u>	PSI	<u> </u>	GPM	<u> </u>	SPR	<u> </u>	Slow PSI	<u> </u>
BHA Makeup	STEARABLE												
Up Weight	<u>170</u>	Dn Weight	<u>120</u>	RT Weight	<u>140</u>			Length	<u>891.2</u>			Hours on BHA	<u>57</u>
								Torque	<u>11,500</u>			Hours on Motor	<u>57</u>

BHA MAKEUP:

#	Component	OD	ID	Length	Weight (ft/lb)	Serial Number	Description
1	DRILL BIT	7.875		1.00		7153351	HUGHES T506 6X12
2	MUD MOTOR	6.500	0.000	35.64		6101	1.5 DEG FBH 7/8 6.7STG. .29 REV
3	NON MAG MONEL	6.063	2.875	31.53		ATM64-513	4.5 XH P x B
4	EM GAP SUB	6.400	2.813	3.80		GSB0398	4.5 XH P x B
5	NON MAG FLEX MONEL	6.313	2.750	29.61		9041	4.5 XH P x B
6	DRILL COLLAR	6.500	2.750	30.15		RIG	4.5 XH P x B
7	18JTS HWDP	4.500	2.750	546.54		RIG	4.5 XH P x B
8	DRILLING JARS	6.550	2.625	30.14		42986J	4.5 XH P x B(SMITH)HE JARS
9	6JTS HWDP	4.500	2.313	182.78		RIG	4.5 XH P x B

DAILY COSTS

	DAILY	CUM	AFE		DAILY	CUM	AFE
8100..100: Permits & Fees			4,500	8100..105: Insurance			2,000
8100..110: Staking & Surveying			1,500	8100..120: Surface Damages & R			
8100..200: Location Roads		27,294	50,000	8100..210: Reclamation			
8100..220: Secondary Reclamati				8100..230: Pit Solidification			5,000
8100..300: Water Well				8100..310: Water/Water Disposa	1,165	4,318	7,500
8100..320: Mud & Chemicals	1,312	30,421	45,000	8100..325: Oil Base Mud Diesel			
8100..400: Drilling Rig	14,175	121,699	127,000	8100..402: Drilling Rig Cleani	2,860	2,860	
8100..405: Rig Fuel		19,977	40,000	8100..410: Mob/Demob	25,415	27,630	17,000
8100..420: Bits & Reamers			15,500	8100..500: Roustabout Services			7,000
8100..510: Testing/Inspection/	2,095	5,666	5,000	8100..520: Trucking & Hauling			10,000
8100..530: Equipment Rental		12,900	25,000	8100..531: Down Hole Motor Ren			1,500
8100..532: Solids Control Equi		7,109	7,000	8100..535: Directional Drillin		34,450	76,000
8100..540: Fishing				8100..600: Surface Casing/Inte		26,551	20,000
8100..605: Cementing Work		20,237	25,000	8100..610: P & A			
8100..700: Logging - Openhole	13,393	13,393	15,000	8100..705: Logging - Mud			
8100..800: Supervision/Consult	4,800	22,800	25,000	8100..810: Engineering/Evaluat			
8100..900: Contingencies	9,648	42,152		8100..950: Administrative O/H			
8100..999: Non Operated IDC				8200..510: Testing/Inspection/			2,000
8200..520: Trucking & Hauling			7,000	8200..530: Equipment Rental			37,500
8200..605: Cementing Work	38,765	38,765	25,000	8210..600: Production Casing		107,024	94,000
8210..620: Wellhead/Casing Hea		7,146	20,000	Total Cost	113,628	572,392	717,000

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: Three Rivers 4-43-820	
2. NAME OF OPERATOR: ULTRA RESOURCES INC		9. API NUMBER: 43047544230000
3. ADDRESS OF OPERATOR: 304 Inverness Way South #295, Englewood, CO, 80112	PHONE NUMBER: 303 645-9809 Ext	9. FIELD and POOL or WILDCAT: THREE RIVERS
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2477 FNL 1489 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 04 Township: 08.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/15/2014			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

First Production occurred on the TR4-43-820 on 10/13/2014.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 October 15, 2014

NAME (PLEASE PRINT) Jenna Anderson	PHONE NUMBER 303 645-9804	TITLE Permitting Assistant
SIGNATURE N/A		DATE 10/15/2014

RECEIVED

OCT 02 2014

DIV. OF OIL, GAS & MINING

3000psi - 5000psi
system

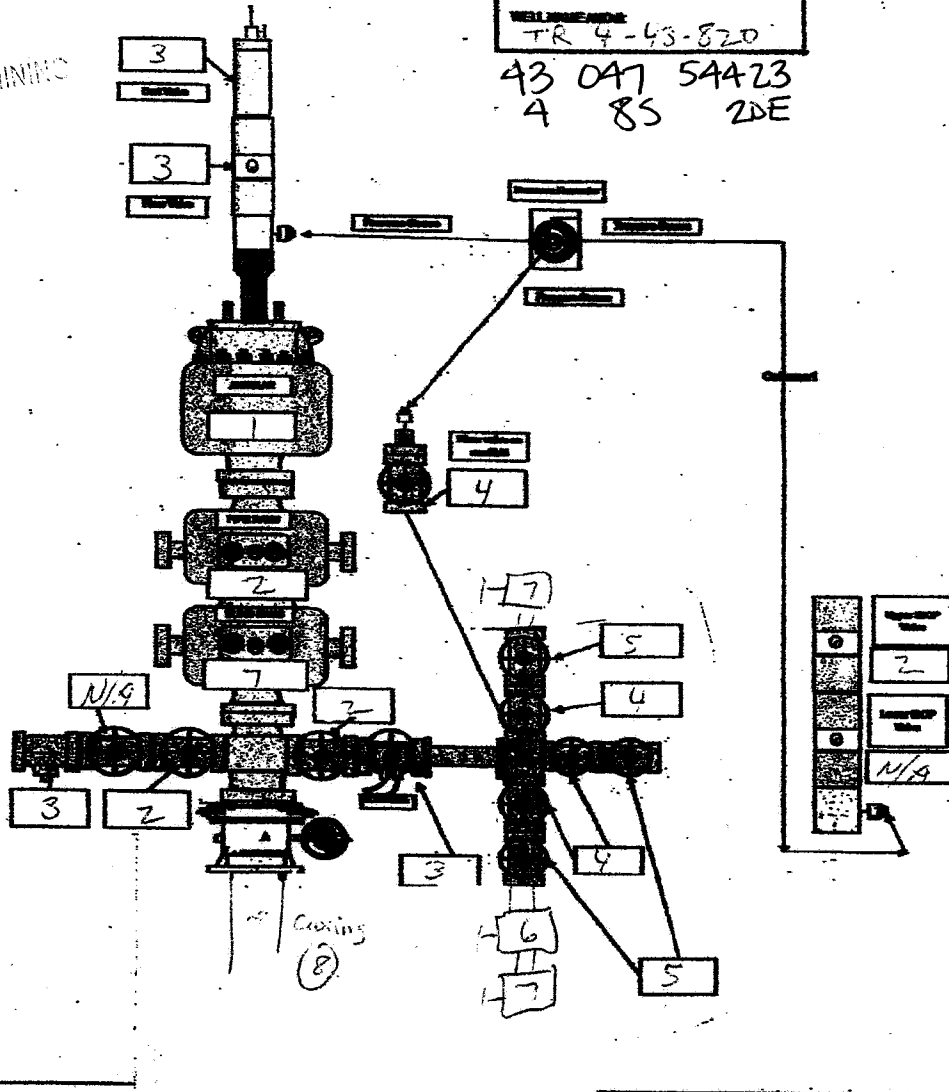
DATE 9-25-2014

COMPANY Ultra Res.

CONTRACTOR Ensign/22

WELL NAME/ID
TR 4-43-820

43 047 54423
4 85 2DE



DATE: 7-25-2014

WELL: TR 4-43-820

ACCUMULATOR FUNCTION TEST

TO CHECK THE USABLE FLUID STORED IN THE NITROGEN BOTTLES ON THE
ACCUMULATOR (OO #2 III.A.2.c.i. or ii or iii)

1. Make sure all rams and annular are open and if applicable HCR is closed
2. Ensure accumulator is pumped up to working pressure! (Shut off all pumps)
3. Open HCR valve. (if applicable)
4. Close annular.
5. Close all pipe rams.
6. Open one set of pipe rams to simulate closing the blind rams.
7. If you have a 3 Ram stack open the annular to achieve the 50 +/- % safety factor for 5M and greater systems.
8. Accumulator pressure should be 200 psi over precharge pressure
(Accumulator working pressure (1,500 psi = 750 desired psi)
(2,000 and 3,000 psi = 1,000 desired psi)).

9. RECORD THE REMAINING PRESSURE 1,500 PSI

If annular is closed, open it at this time and close HCR.

TO CHECK THE CAPACITY OF THE ACCUMULATOR PUMPS (OO #2 III.A.2.f.)

Shut the accumulator bottles or spherical (isolate them from the pumps & manifold) open the bleed off valve to the tank (Manifold psi should go to zero psi) close bleed valve.

1. Open the HCR valve. (if applicable)
2. Close annular.
3. With pumps only, time how long it takes to re- gain manifold pressure to 200 psi over desired precharge pressure! (Accumulator working pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)).

4. RECORD ELAPSED TIME 1 min 17 sec PSI (2 minutes or less)

TO CHECK THE PRECHARGE ON THE BOTTLES OR SPHERICAL (OO #2 III.A.2.d.)

1. Open bottles back up to the manifold (pressure should be above the desired precharge pressure (1,500 psi = 750 psi desired psi) (2,000 and 3,000 psi = 1,000 desired psi)) may need to use pumps to pressure back up.
2. With power to pumps shut off open bleed line to tank.
3. Watch and record where the pressure drops (Accumulator psi).

4. RECORD THE PRESSURE DROP 900 PSI

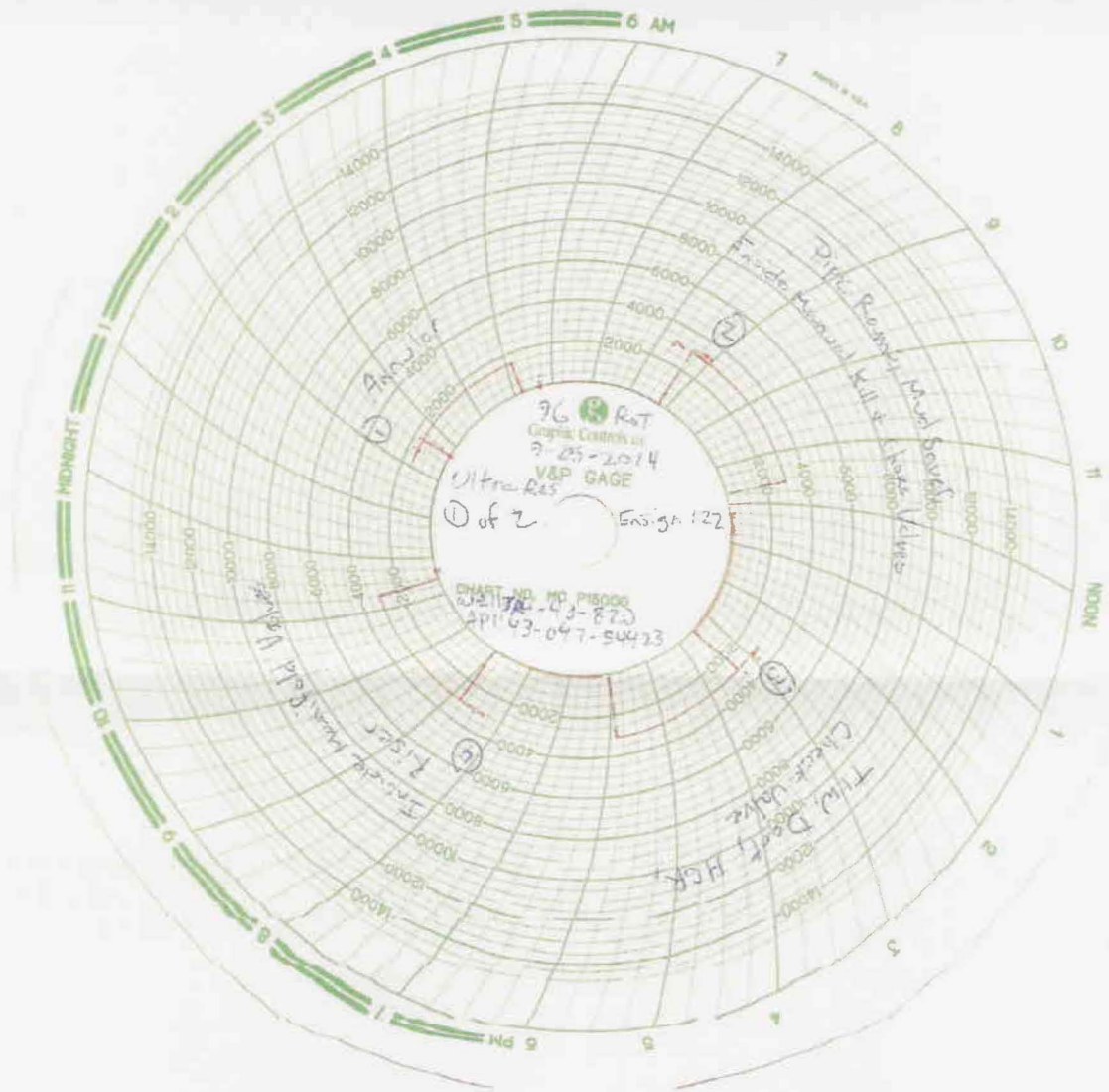
If pressure drops below MINIMUM precharge (Accumulator working pressure (1,500 psi = 700 psi minimum) (2,000 and 3,000 psi = 900 psi minimum)) each bottle shall be independently checked with a gauge.

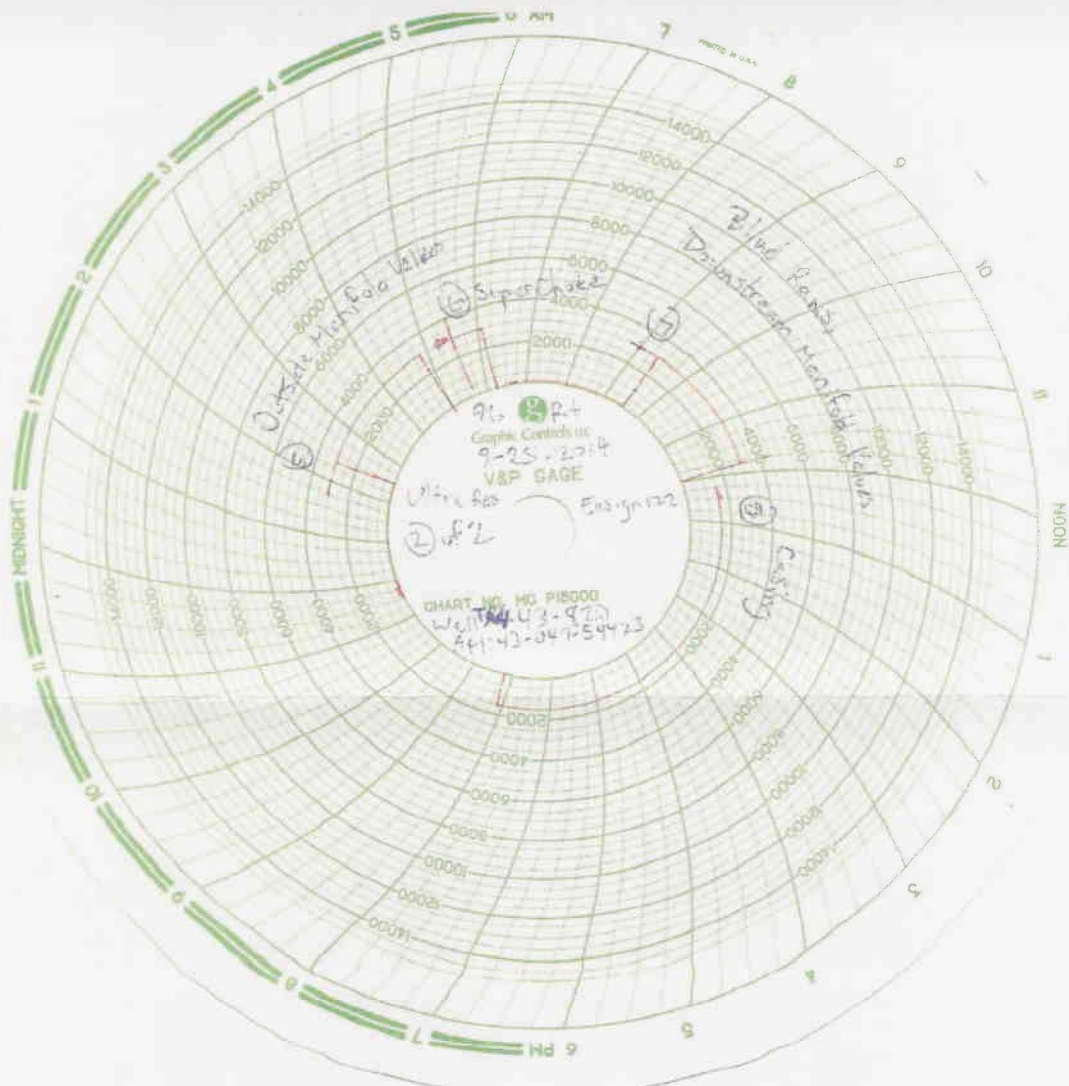
DATE 9-25-14 COMPANY: Ultra Res INC. Ensign 122 WELL NAME & # TR 4-43-82-0

Time	Test No.		Result:
5:28 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	1	Annulus	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
5:54 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	2	Pipe Rms; Mud Saver; Inside Manual Kill + Choke	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
6:25 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	3	T.W. Dart; Check Valve; HCR	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
6:53 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	4	Inside Manifold Valves; Riser	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:20 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	5	Outside Manifold Valves	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>
7:46 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	6	Seal Choke	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
8:03 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	7	Blind Rms; Downstream Manifold Valves	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
8:56 AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	8	Casing	Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	9		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	10		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	11		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	12		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	13		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	14		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>
AM <input type="checkbox"/> PM <input checked="" type="checkbox"/>	Retest		Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/>

Acc. Tank Size (inches) W D L ÷ 231 = gal.

Rock Springs, WY (307) 382-3330
BOP TESTING, CASING TESTING, LEAK OFF TESTING, &
INTEGRITY TESTING
NIPPLE UP CREWS, NITROGEN CHARGING SERVICE





687

WALKER INSPECTION, LLC.
REBEL TESTING • EAGER BEAVER TESTERS
 WYOMING • COLORADO • NORTH DAKOTA

Daily JSA/Observation Report

OPERATOR: Ultra Res
 LOCATION: TR 4-43-820
 EMPLOYEE NAME: Dustin Redmond

DATE: 7-25-2014
 CONTRACTOR: Ensign 122

- ☒ High Pressure Testing
☒ Working Below Platform
☒ Requires PPE
☒ Overhead Work is Occurring
☐ Fill in if: Confined Spaces are Involved
☐ Fill in if: Set up of Containment
☒ Using Rig Hoist to Lift Tools
☐ Fill in if: Other: _____

COMMENTS: Safety observed.

SIGNATURE: [Signature]

DATE: 7-25-2014

WALKER INSPECTION, LLC. AND AFFILIATES

ATTENDANCE:

<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		
<u>[Signature]</u>		

Observation Report

EMPLOYEE REPORTING: Dustin Redmond SIGNATURE: [Signature]

Was job set up and performed correctly and to best of companies ability? ☒ Y ☐ N

Was all safety equipment used correctly by all involved? ☒ Y ☐ N

Any incidents or near misses to report about WI? ☐ Y ☒ N

Any incidents or near misses to report in general? ☐ Y ☒ N

Any spills or environmental issues to report? ☐ Y ☒ N

Basic Comments: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
UT016

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR:
Ultra Resources, Inc.

3. ADDRESS OF OPERATOR: **304 Inverness Way So.** CITY **Englewood** STATE **CO** ZIP **80112** PHONE NUMBER: **(303) 645-9804**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **2477 FNL 1489 FEL 40.152239 109.669492**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **2011 FSL 623 FEL 40.149929 109.666364**
AT TOTAL DEPTH: **1941 FSL 623 FEL 40.149751 109.666364**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
THREE RIVERS 4-43-820

9. API NUMBER:
4304754423

10 FIELD AND POOL, OR WILDCAT
THREE RIVERS

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SWNE 4 T8S R20 E

12. COUNTY
Uintah

13. STATE
UTAH

14. DATE SPURRED:
8/11/2014

15. DATE T.D. REACHED:
9/28/2014

16. DATE COMPLETED:
10/17/2014

ABANDONED ☐ READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):
4743 GR

18. TOTAL DEPTH: MD **6,994**
TVD **6,751**

19. PLUG BACK T.D.: MD **6,977**
TVD **6,734**

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD
PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

Triple Combo, CBL

23.
WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
24	16 ARJ	45	0	118				0	
12 1/4	8 5/8 J-55	24	0	1,012		675		0	
7 7/8	5 1/2 J-55	17	0	4,906		700		0	
7 7/8	5 1/2 N-80	17	4,906	6,979		700		0	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	5,110							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Lower GR	5,134	6,857			5,134 6,857		255	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

WAS WELL HYDRAULICALLY FRACTURED? YES ☒ NO ☐ IF YES - DATE FRACTURED: **10/9/2014**

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5134 to 6857	Fracture/Stimulate 7 Stages

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☒ OTHER: _____

30. WELL STATUS:

POW

31. INITIAL PRODUCTION**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: 10/13/2014	TEST DATE: 10/22/2014	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL – BBL: 208	GAS – MCF: 82	WATER – BBL: 205	PROD. METHOD: Gas Pumping
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**USED ON LEASE****33. SUMMARY OF POROUS ZONES (Include Aquifers):**

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Upper Green River	2,916
				Mahogany	4,356
				Lower Green River	5,111
				Wasatch	6,863

35. ADDITIONAL REMARKS (Include plugging procedure)

Frac material used: 7000 gal HC1 Acid, 918574 gal FR-66 Water, 225347 gal DeltaFrac Fluid, 951728 lbs White Sand

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Jenna AndersonTITLE Permitting SpecialistSIGNATURE DATE 11/10/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

☐ Proposed
☒ As Is

THREE RIVERS 4-43-820
Sec 4, 8S, 20E

GL: 4,743.1, KB: 4,755.6
Uintah County, Utah

	Size	Weight	Grade	Depth	Sks/Cmt
Conductor	16	45	ARJ-55	118	
Surface	8 5/8	24	J-55	1012	675
Production	5 1/2	17	J-55	4906	700
Production	5 1/2	17	N-80	6979	700
Tubing				5029	
Cement Top				0	

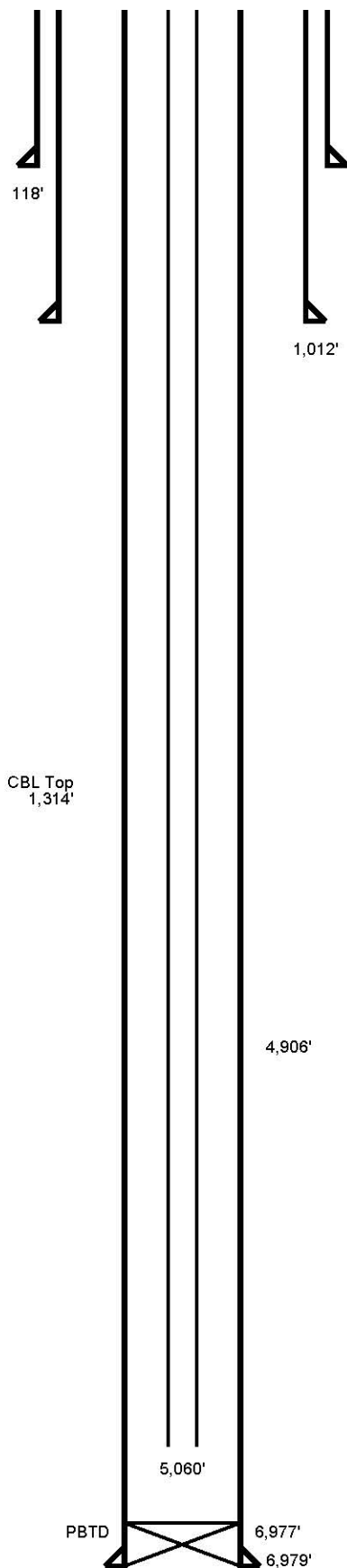
STAGE	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7
1	6856-6857	6846-6848	6803-6804	6789-6790	6775-6776	6767-6768	6743-6744
2	6651-6652	6642-6644	6635-6636	6629-6630	6621-6622	6611-6612	6603-6604
3	6510-6512	6499-6500	6472-6473	6463-6464	6435-6436	6427-6428	6411-6412
4	6302-6303	6276-6277	6266-6267	6259-6260	6227-6228	6210-6211	6188-6189
5	6050-6051	6034-6035	5995-5996	5977-5978	5954-5955	5932-5933	5922-5923
6	5581-5583	5575-5576	5568-5569	5446-5447	5442-5443	5403-5404	5383-5384
7	5275-5276	5266-5267	5241-5242	5227-5228	5219-5220	5203-5204	5196-5197

Stage	Date	Av. Rate	Av. Press	Proppant	Clean Fluid	Tracer	Screenout
1	10/09/2014	49.0	2,520	110,052	3,508		N
2	10/09/2014	49.0	3,272	87,037	2,815		N
3	10/09/2014	49.0	2,517	157,961	4,758		N
4	10/09/2014	45.0	3,225	187,786	4,947		N
5	10/09/2014	48.0	3,348	166,572	4,621		N
6	10/09/2014	44.0	3,075	97,758	2,797		N
7	10/10/2014	49.0	2,315	144,562	3,928		N
Totals:				951,728	27,374		

Actual Formation or Depth	Top	Sand Type	Amount
		Gross Sand Drilled	
		Gross Sand Logged	
		Net Sand	
		Net Pay	

Move In	Spud Date	TD Date	Rig Release	1st Prod	Full Sales
08/26/2014	09/26/2014	09/28/2014	09/30/2014	10/13/2014	

Tbg Date	Depth	OD	ID	Weight	Grade	Thread	Csg Size	1st Jt	# Joints	Coil
10/17/2014	5,029.000						5.5		162	N





ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers 4-43-820 (2477' FNL & 1489' FEL)

Field: UTAH COUNTY

Well: Three Rivers 4-43-820

Facility: Sec04 T8S-R20E

Wellbore: Three Rivers 4-43-820 PWB

Plot reference wellbore is Three Rivers 4-43-820 PWB

True vertical depths are referenced to Craig 112 (RT)

Grid System: NAD83 (Lambert Utah SP, Central Zone 14S02), U.S. feet

Measured depths are referenced to Craig 112 (RT)

North Reference: True north

Craig 112 (RT) to Mean Sea Level: 4760.1 feet

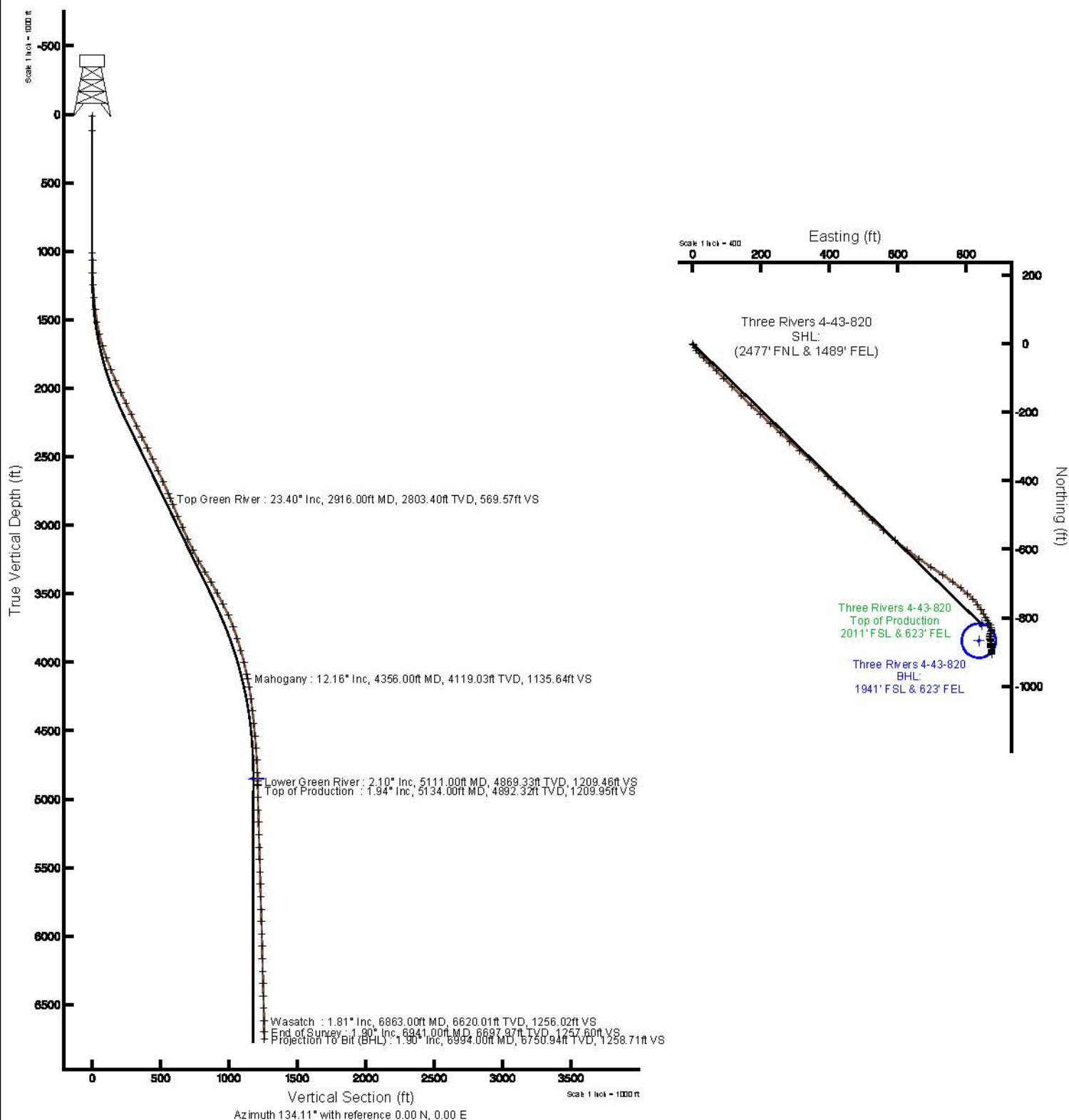
Scale: True distance

Mean Sea Level to Mean Sea Level (M.S.L.): Three Rivers 4-43-820 (2477' FNL & 1489' FEL), 0 feet

Depression: initial

Coordinates are in feet referenced to NAD

Created by: endreanov 1/14/2014





Actual Wellpath Report

Three Rivers 4-43-820 AWP

Page 1 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (2477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 AWB
Facility	Sec.04-T8S-R20E		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Utah SP, Central Zone (4302), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Ewilliams
Scale	0.999914	Report Generated	11/4/2014 at 3:05:05 PM
Convergence at slot	1.17° East	Databas e/Source file	WellArchitectDB/Three_Rivers_4-43-820_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	-1219.36	-1115.83	2152037.02	7229413.26	40°09'08.060"N	109°40'10.170"W
Facility Reference Pt			2153127.51	7230655.14	40°09'20.110"N	109°39'55.800"W
Field Reference Pt			2156630.96	7236613.42	40°10'18.270"N	109°39'09.100"W

WELLPATH DATUM

Calculation method	Minimum curvature	Ensign 112 (RT) to Facility Vertical Datum	4756.10ft
Horizontal Reference Pt	Slot	Ensign 112 (RT) to Mean Sea Level	4756.10ft
Vertical Reference Pt	Ensign 112 (RT)	Ensign 112 (RT) to Mud Line at Slot (Three Rivers 4-43-820 (2477' FNL & 1489' FEL))	4756.10ft
MD Reference Pt	Ensign 112 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	136.03°



Actual Wellpath Report

Three Rivers 4-43-820 AWP

Page 2 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (2477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (76 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00†	0.000	191.080	0.00	0.00	0.00	0.00	40°09'08.060"N	109°40'10.170"W	0.00	
13.00	0.000	191.080	13.00	0.00	0.00	0.00	40°09'08.060"N	109°40'10.170"W	0.00	
118.00	0.000	0.000	118.00	0.00	0.00	0.00	40°09'08.060"N	109°40'10.170"W	0.00	
1012.00	0.000	0.000	1012.00	0.00	0.00	0.00	40°09'08.060"N	109°40'10.170"W	0.00	
1064.00	0.220	191.080	1064.00	0.06	-0.10	-0.02	40°09'08.059"N	109°40'10.170"W	0.42	
1155.00	1.410	136.920	1154.99	1.28	-1.09	0.71	40°09'08.049"N	109°40'10.161"W	1.42	
1245.00	4.200	145.120	1244.87	5.64	-4.60	3.35	40°09'08.015"N	109°40'10.127"W	3.12	
1336.00	4.510	155.520	1335.61	12.30	-10.59	6.74	40°09'07.955"N	109°40'10.083"W	0.93	
1426.00	6.580	146.620	1425.19	20.71	-18.12	11.05	40°09'07.881"N	109°40'10.028"W	2.48	
1517.00	9.720	137.890	1515.26	33.51	-28.17	19.07	40°09'07.782"N	109°40'09.924"W	3.70	
1608.00	13.520	134.590	1604.38	51.83	-41.34	31.80	40°09'07.651"N	109°40'09.760"W	4.24	
1698.00	17.000	134.190	1691.19	75.51	-57.91	48.73	40°09'07.488"N	109°40'09.542"W	3.87	
1789.00	19.700	135.820	1777.56	104.15	-78.18	68.96	40°09'07.287"N	109°40'09.282"W	3.02	
1879.00	21.700	135.820	1861.74	135.96	-101.00	91.13	40°09'07.062"N	109°40'08.996"W	2.22	
1970.00	23.500	134.320	1945.75	170.92	-125.74	115.84	40°09'06.817"N	109°40'08.678"W	2.08	
2061.00	24.700	134.500	2028.82	208.06	-151.74	142.38	40°09'06.560"N	109°40'08.336"W	1.32	
2151.00	25.700	134.590	2110.25	246.37	-178.62	169.69	40°09'06.295"N	109°40'07.985"W	1.11	
2242.00	25.700	133.400	2192.25	285.80	-206.03	198.08	40°09'06.024"N	109°40'07.619"W	0.57	
2332.00	25.500	132.780	2273.42	324.64	-232.60	226.48	40°09'05.761"N	109°40'07.253"W	0.37	
2423.00	25.800	132.120	2355.45	363.95	-259.18	255.54	40°09'05.499"N	109°40'06.879"W	0.46	
2513.00	25.500	133.400	2436.58	402.85	-285.63	284.15	40°09'05.237"N	109°40'06.511"W	0.70	
2604.00	25.300	132.000	2518.79	441.81	-312.10	312.83	40°09'04.976"N	109°40'06.141"W	0.70	
2695.00	24.800	132.000	2601.23	480.25	-337.88	341.46	40°09'04.721"N	109°40'05.773"W	0.55	
2785.00	24.010	132.780	2683.18	517.36	-362.95	368.93	40°09'04.473"N	109°40'05.419"W	0.95	
2876.00	23.000	134.810	2766.63	553.62	-388.05	395.13	40°09'04.225"N	109°40'05.081"W	1.42	
2916.00†	23.404	134.588	2803.40	569.37	-399.14	406.33	40°09'04.116"N	109°40'04.937"W	1.03	Top Green River
2966.00	23.910	134.320	2849.20	589.43	-413.19	420.66	40°09'03.977"N	109°40'04.753"W	1.03	
3057.00	22.500	132.600	2932.83	625.24	-437.86	446.67	40°09'03.733"N	109°40'04.418"W	1.72	
3148.00	22.100	136.480	3017.03	659.74	-462.06	471.27	40°09'03.494"N	109°40'04.101"W	1.68	
3238.00	24.500	136.000	3099.69	695.34	-487.77	495.90	40°09'03.240"N	109°40'03.784"W	2.67	
3329.00	27.620	132.210	3181.43	735.27	-515.52	524.64	40°09'02.966"N	109°40'03.414"W	3.88	
3419.00	29.700	131.020	3260.40	778.30	-544.17	556.92	40°09'02.682"N	109°40'02.998"W	2.40	
3510.00	30.800	129.780	3339.01	823.92	-573.88	591.83	40°09'02.389"N	109°40'02.548"W	1.39	
3600.00	29.780	127.400	3416.72	868.92	-602.20	627.30	40°09'02.109"N	109°40'02.092"W	1.75	
3691.00	28.100	125.290	3496.36	912.32	-628.30	662.75	40°09'01.851"N	109°40'01.635"W	2.16	
3781.00	28.020	124.100	3575.78	953.83	-652.40	697.55	40°09'01.613"N	109°40'01.187"W	0.63	
3872.00	24.880	123.790	3657.24	993.46	-675.04	731.17	40°09'01.389"N	109°40'00.754"W	3.45	
3963.00	20.590	126.520	3741.16	1027.97	-695.22	759.95	40°09'01.190"N	109°40'00.383"W	4.85	
4053.00	18.380	128.990	3826.00	1057.66	-713.56	783.70	40°09'01.008"N	109°40'00.078"W	2.62	
4144.00	15.380	131.720	3913.07	1083.94	-730.63	803.87	40°09'00.840"N	109°39'59.818"W	3.41	
4234.00	13.390	135.600	4000.25	1106.27	-746.02	820.07	40°09'00.688"N	109°39'59.609"W	2.46	
4325.00	13.300	143.800	4088.80	1127.18	-761.99	833.62	40°09'00.530"N	109°39'59.435"W	2.08	
4356.00†	12.163	145.680	4119.03	1133.93	-767.57	837.57	40°09'00.475"N	109°39'59.384"W	3.90	Mahogany
4416.00	10.010	150.500	4177.91	1145.21	-777.33	843.70	40°09'00.378"N	109°39'59.305"W	3.90	
4506.00	7.820	150.000	4266.82	1158.73	-789.44	850.62	40°09'00.259"N	109°39'59.216"W	2.43	



Actual Wellpath Report

Three Rivers 4-43-820 AWP

Page 3 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (2477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH DATA (76 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Latitude	Longitude	DLS [°/100ft]	Comments
4597.00	6.700	150.200	4357.09	1169.88	-799.41	856.35	40°09'00.160"N	109°39'59.142"W	1.23	
4687.00	5.900	147.500	4446.54	1179.51	-807.86	861.45	40°09'00.076"N	109°39'59.076"W	0.95	
4778.00	5.200	148.100	4537.12	1188.12	-815.31	866.14	40°09'00.003"N	109°39'59.016"W	0.77	
4869.00	4.500	152.520	4627.79	1195.58	-821.98	869.96	40°08'59.937"N	109°39'58.967"W	0.87	
4959.00	4.000	162.300	4717.54	1201.78	-828.10	872.55	40°08'59.876"N	109°39'58.933"W	0.98	
5050.00	2.700	166.180	4808.39	1206.48	-833.21	874.03	40°08'59.826"N	109°39'58.914"W	1.45	
5111.00†	2.100	182.403	4869.33	1208.49	-835.72	874.32	40°08'59.801"N	109°39'58.911"W	1.48	Lower Green River
5134.00†	1.935	190.852	4892.32	1209.01	-836.52	874.23	40°08'59.793"N	109°39'58.912"W	1.48	Top of Production
5140.00	1.900	193.280	4898.32	1209.12	-836.72	874.19	40°08'59.791"N	109°39'58.912"W	1.48	
5231.00	2.500	199.100	4989.25	1210.83	-840.06	873.19	40°08'59.758"N	109°39'58.925"W	0.70	
5321.00	2.700	198.310	5079.16	1212.71	-843.93	871.88	40°08'59.720"N	109°39'58.942"W	0.23	
5412.00	2.700	189.180	5170.06	1214.99	-848.08	870.87	40°08'59.679"N	109°39'58.955"W	0.47	
5503.00	2.700	186.190	5260.95	1217.65	-852.33	870.30	40°08'59.637"N	109°39'58.962"W	0.15	
5593.00	2.390	180.280	5350.87	1220.35	-856.31	870.06	40°08'59.598"N	109°39'58.966"W	0.45	
5684.00	2.390	170.020	5441.79	1223.29	-860.08	870.38	40°08'59.561"N	109°39'58.961"W	0.47	
5774.00	2.210	169.310	5531.71	1226.29	-863.63	871.03	40°08'59.525"N	109°39'58.953"W	0.20	
5865.00	2.300	160.500	5622.64	1229.42	-867.07	871.96	40°08'59.491"N	109°39'58.941"W	0.39	
5955.00	1.990	166.090	5712.58	1232.42	-870.29	872.94	40°08'59.460"N	109°39'58.928"W	0.42	
6046.00	2.120	175.610	5803.52	1235.08	-873.51	873.45	40°08'59.428"N	109°39'58.922"W	0.40	
6136.00	2.210	175.390	5893.46	1237.71	-876.90	873.71	40°08'59.394"N	109°39'58.918"W	0.10	
6227.00	1.990	190.990	5984.40	1239.97	-880.20	873.55	40°08'59.362"N	109°39'58.921"W	0.67	
6318.00	1.900	181.910	6075.35	1241.93	-883.25	873.20	40°08'59.331"N	109°39'58.925"W	0.35	
6408.00	1.900	184.120	6165.30	1243.96	-886.23	873.05	40°08'59.302"N	109°39'58.927"W	0.08	
6499.00	2.210	168.120	6256.24	1246.46	-889.46	873.30	40°08'59.270"N	109°39'58.924"W	0.71	
6589.00	1.680	166.580	6346.19	1249.06	-892.44	873.96	40°08'59.241"N	109°39'58.915"W	0.59	
6680.00	2.300	174.000	6437.13	1251.65	-895.55	874.46	40°08'59.210"N	109°39'58.909"W	0.74	
6770.00	2.120	175.610	6527.06	1254.36	-899.01	874.78	40°08'59.176"N	109°39'58.905"W	0.21	
6861.00	1.810	186.100	6618.01	1256.58	-902.11	874.75	40°08'59.145"N	109°39'58.905"W	0.52	
6863.00†	1.812	186.069	6620.01	1256.62	-902.18	874.75	40°08'59.144"N	109°39'58.905"W	0.12	Wasatch
6941.00	1.900	184.910	6697.97	1258.26	-904.69	874.51	40°08'59.120"N	109°39'58.908"W	0.12	End of Survey
6994.00	1.900	184.910	6750.94	1259.42	-906.44	874.36	40°08'59.102"N	109°39'58.910"W	0.00	Projection To Bit (BHL)

WELLPATH COMPOSITION - Ref Wellbore: Three Rivers 4-43-820 AWB Ref Wellpath: Three Rivers 4-43-820 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
13.00	118.00	Unknown Tool (Standard)	Conductor	Three Rivers 4-43-820 AWB
118.00	1012.00	Unknown Tool (Standard)	Surface	Three Rivers 4-43-820 AWB
1012.00	6941.00	MTC (Collar, post-2000) (Standard)	MWD	Three Rivers 4-43-820 AWB
6941.00	6994.00	Blind Drilling (std)	Projection to bit	Three Rivers 4-43-820 AWB



Actual Wellpath Report

Three Rivers 4-43-820 AWP

Page 4 of 4



REFERENCE WELLPATH IDENTIFICATION

Operator	ULTRA RESOURCES, INC	Slot	Three Rivers 4-43-820 (2477' FNL & 1489' FEL)
Area	Three Rivers	Well	Three Rivers 4-43-820
Field	UINTAH COUNTY	Wellbore	Three Rivers 4-43-820 AWB
Facility	Sec.04-T8S-R20E		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
2916.00	23.404	134.588	2803.40	Top Green River
4356.00	12.163	145.680	4119.03	Mahogany
5111.00	2.100	182.403	4869.33	Lower Green River
5134.00	1.935	190.852	4892.32	Top of Production
6863.00	1.812	186.069	6620.01	Wasatch
6941.00	1.900	184.910	6697.97	End of Survey
6994.00	1.900	184.910	6750.94	Projection To Bit (BHL)

ULTRA RESOURCES, INC.
DAILY COMPLETION REPORT FOR 10/01/2014 TO 10/17/2014

Well Name	THREE RIVERS 4-43-820	Frac Planned	7
Location:	UINTAH County, UTAH(SWNE 4 8S 20E)	AFE#	140970
Total Depth Date:	09/28/2014 TD 6,994	Formation:	(Missing)
Production Casing:	Size 5 1/2 Wt 17 Grade J-55 Set At 4,906	GL:	KB: 4,756

Date: 10/01/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	Duncan		
Work Objective:	Logging		
Contractors:	CHS		
Completion Rig:	Casedhole Sol	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
0700-0830	MINU Knight 5K BOP.		
0830-1300	MIRU CHS WLU, run 4.65" gauge ring fr/surface to 6908'. POH w/gauge ring. Run CBL/GR/CCL fr/6896' to surface. TOC @ 1314'. RDMO WLU.		
Costs (\$):	Daily: 6,450	Cum: 6,450	AFE: 1,298,141

Date: 10/02/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	Duncan		
Work Objective:	Testing		
Contractors:	RBS, R&R, Rhett's		
Completion Rig:	(Missing)	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
1200-1300	MIRU RBS Test Unit, and test csg, WH, Flow back lines, and BOP to 4,250 psig, good test. RDMO Testers		
Costs (\$):	Daily: 11,749	Cum: 18,199	AFE: 1,298,141

Date: 10/03/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	Duncan		
Work Objective:	Perforating		
Contractors:	CHS		
Completion Rig:	Casedhole Sol	Supervisor Phone:	435-828-1472
Upcoming Activity:	Prep for frac work		
Activities			
1330-1530	Perforate stage 1 (6685'-6857').		
Costs (\$):	Daily: 4,500	Cum: 22,699	AFE: 1,298,141

Date: 10/04/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	Fletcher		
Work Objective:	Prep for frac work		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	3036459812
Upcoming Activity:	Completion		
Costs (\$):	Daily: 0	Cum: 22,699	AFE: 1,298,141

Date: 10/06/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs (\$):	Daily: 22,165	Cum: 44,864	AFE: 1,298,141

Date: 10/07/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)	Supervisor Phone:	(Missing)
Upcoming Activity:			
Costs (\$):	Daily: 600	Cum: 45,464	AFE: 1,298,141

Date: 10/08/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	Hutchinson		
Work Objective:	RU frac equipment		SSE: 4
Contractors:	R&R,HAL-WL,HAL-FRAC		
Completion Rig:	Hal, HAL RED T4		Supervisor Phone: 307.354.6007
Upcoming Activity:	Perf, Frac, and Flowback		
Activities			
1630-0000	MORU HAL-FRAC & HAL-WL.		
0000-0700	Continue to rig up frac crew,		
Costs (\$):	Daily: 0	Cum: 45,464	AFE: 1,298,141

Date: 10/09/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	Hutchinson,Scott		
Work Objective:	Perf, Frac, and Flowback	SSE:	4
Contractors:	R&R,HAL-WL,HAL-FRAC		
Completion Rig:	Hal, HAL RED T4	Supervisor Phone:	307.354.6007/307.350.8487
Upcoming Activity:	Drill out plug		
Activities			
0000-0700	Continue to rig up frac crew,		
0700-0735	Prime up and pressure test frac lines.		
0735-0750	Review location hazards including production equipment. Discuss slips, trips, & falls. Review WHD operation		
	High Pressure pumping, FB, crane operations, chemical handling, MSDS sheets & PPE requirements.		
	Discuss traffic control & the use of land guides while backing. Review the reporting of property damage, & personnel injuries. Establish smoking area & Muster area.		
0750-0905	Frac stage 1.		
0905-1005	Perforate stage 2 (6577-6652). Set 5.5" FTFP @ 6672'.		
1005-1115	Frac stage 2.		
1115-1210	Perforate stage 3 (6357-6512). Set 5.5" FTFP @ 6537'.		
1210-1345	Frac stage 3.		
1345-1540	ReHead WL, Perforate stage 4 (6077-6303). Set 5.5" FTFP @ 6323'.		
1540-1735	Frac stage 4.		
1735-1830	Perforate stage 5 (5811-6051). Set 5.5" FTFP @ 6067'.		
1830-2020	Frac stage 5.		
2020-2120	Perforate stage 6 (5308-5583) Set 5.5" FTFP at 5603'.		
2120-2220	Frac stage 6.		
2220-2315	Perforate stage 7 (5134-5276) Set 5.5" FTFP @ 5295'.		
2315-0045	Frac Stage 7 (SICP)= 1300 PSI.		
Costs (\$):	Daily: 46,859	Cum: 92,323	AFE: 1,298,141

Date: 10/10/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"	PBTD:	6,977
Supervisor:	Stringham/Duncan		
Work Objective:	Drill out plug	SSE:	4
Contractors:	R&R,HAL-WL,HAL-FRAC,IPS,ETS		
Completion Rig:	Hal, HAL RED T4, IPS CT 2"	Supervisor Phone:	435.828.1472
Upcoming Activity:	Flow test well		
Activities			
2315-0045	Frac Stage 7 (SICP)= 1300 PSI.		
0045-0630	RDMO Frac Crew W/O CTU		
0630-0700	Safety Meeting-Review location hazards including, WHP, line pressure, crane operations, overhead objects, the use of land guides while backing. Review incident reporting of property damage, & personnel injuries. Slips trips and falls, Establish smoking area & Muster area.		
0700-0845	MIRU IPS 2" CTU. NU lub. Fill coil with water. Install coil connect. Pull test to 25,000# & pressure test to 3000 psi. Break lubricator off 7-1/16" BOP. New ETS BHA as follows: Coil Connector, Bi-Directional jar, MHA Dual Check Valves, 3/4" Ball Seat (back pressure valve) Hydraulic Disconnect, motor and 5 blade 4.625" mill. Reconnect lubricator. Function test motor, (2000 psi @ 1.5 bbl/min). NU lubricator to stack. Fill surface lines with water. Pressure test to 3500 psi. Open rams, 1000 psi well pressure.		
0845-0925	RIH with mill and motor to plug @ 5295'. (Coil depth 5300').		
0925-1000	Drill plug @ 5295' (840) PSI.		
1000-1010	Pump a 10 bbl gel sweep. RIH to plug @ 5603'. (Coil depth 5608').		
1010-1045	Drill plug @ 5603' (850) PSI.		
1045-1055	Pump a 10 bbl gel sweep. RIH to plug @ 6067'. (Coil depth 6072').		
1055-1120	Drill plug @ 6067' (875) PSI.		
1120-1150	Pump a 10 bbl gel sweep. RIH to plug @ 6323'. Tag sand at 6203', wash sand to plug. (Coil depth 6329').		
1150-1200	Drill plug @ 6323' (875) PSI.		
1200-1215	Pump a 10 bbl gel sweep. RIH to plug @ 6537'. (Coil depth 6543').		
1215-1220	Drill plug @ 6543' (875) PSI.		
1220-1245	Pump a 10 bbl gel sweep. RIH to plug @ 6672'. Tag sand at 6642', wash sand to plug. (Coil depth 6679').		
1245-1330	Drill plug @ 6672' (875) PSI.		
1330-1515	RIH to PBTD @ 6977'. Pump 20 bbl gel sweep, 10 bbl water spacer & 20 bbl gel sweep. (Coil PBTD @ 6977'). Make 500' short trip and retag PBTD. POOH @ 50 ft/min for 30 min and then continue POOH. Close Bottom ram, SICP 900 PSI.		
1515-1700	SICP 900 psi. Blow coil dry w/N2. RDMO CTU.		
1700-1701	Turn well over to flow testers, open well on 15/64 choke. IP 900 PSI.		
Costs (\$):	Daily: 424,378	Cum: 516,702	AFE: 1,298,141

Date: 10/11/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	Duncan		
Work Objective:	Flow test well		
Contractors:	R&R, Rhetts		
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472
Upcoming Activity:	Turned over to Production Dept		
Costs (\$):	Daily: 3,152	Cum: 519,854	AFE: 1,298,141
Date: 10/12/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	Duncan		
Work Objective:	Flow test well		
Contractors:	R&R, Rhetts		
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472
Upcoming Activity:	Flow test well		
Costs (\$):	Daily: 0	Cum: 519,854	AFE: 1,298,141
Date: 10/13/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	Duncan		
Work Objective:	Flow test well		
Contractors:	R&R, Rhetts		
Completion Rig:	(Missing)		Supervisor Phone: 435-828-1472
Upcoming Activity:	Turned over to Production Dept		
Costs (\$):	Daily: 33,161	Cum: 553,015	AFE: 1,298,141
Date: 10/14/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	Fletcher		
Work Objective:	Turned over to Production Dept		
Contractors:	(Missing)		
Completion Rig:	(Missing)		Supervisor Phone: 3036459812
Upcoming Activity:			
Costs (\$):	Daily: 18,485	Cum: 571,500	AFE: 1,298,141
Date: 10/15/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)		Supervisor Phone: (Missing)
Upcoming Activity:			
Costs (\$):	Daily: 15,589	Cum: 587,089	AFE: 1,298,141
Date: 10/16/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	(Missing)		
Work Objective:	(Nothing Recorded)		
Contractors:	(Missing)		
Completion Rig:	(Missing)		Supervisor Phone: (Missing)
Upcoming Activity:			
Costs (\$):	Daily: 31,115	Cum: 618,204	AFE: 1,298,141
Date: 10/17/2014			
Tubing:	OD: 2.875" ID: Joints: 162" Depth Set: 5,060"		PBTD: 6,977
Supervisor:	Jim Burns		
Work Objective:	TIH w/ Rods		
Contractors:	Temples		
Completion Rig:	Temple #3		Supervisor Phone: 435-299-2974
Upcoming Activity:	Pressure test		
Activities			
0600-0705	crew travel.safety meeting, rigging up, watch all lines.		
0705-2030	move in rig up, check pressures, 50 psi on csg.		
	R/U floor, pump 100 bbls down csg.		
	RIH W/ purge valve, 1-4' tbg sub, TAC, desander, pump bbl, 162 jnts tbg, pick up 1-4' tbg sub, hanger, land tbg, N/D bop's, pull hanger, set TAC W/ 10,000 lbs stretch land tbg, N/U wellhead.		
	RIH W/ standing valve, plunger, 32-1" MMS 4 per		
	guided rods, 49-3/4" MMS 6 per guided rods,		
	39-7/8" MMS 4 per guided rods, 18-7/8" mms 8 per guided rods, 29-1" mms 8 per guided rods, 32-1"		
	MMS 4 per guided rods, space out with 1-8' 1-6' 1-4' 1-2' ponys, pick up polish rod. Fill tbg with 10 bbls		
	pressure up to 500 psi, long stroke pump to 1500 psi (test good). Hang horses head, hang off rods.turn well		
	sales, rig down move off, shut down for night.		
2030-2130	Crew Travel		
Costs (\$):	Daily: 6,414	Cum: 624,618	AFE: 1,298,141

ULTRA RESOURCES, INC.
PERFORATION AND FRAC SUMMARY FOR THREE RIVERS 4-43-820

Well Name: THREE RIVERS 4-43-820			Fracs Planned: 7		
Location: UINTAH County, UTAH (SWNE 004 8S 20E)					
Stage 1		Frac Date: 10/09/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,520 PSI	
Initial Completion		Proppant: 110,052 lbs total	Max Rate: 63.0 BPM	Max Pressure: 3,883 PSI	
		110052 lbs Ottawa			
Initial Annulus Pressure: 42		Final Annulus Pressure: 33	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,907 PSI	Base BBLs to Recover: 3,508 BBLs		
Pseudo Frac Gradient: 0.711 PSI/FT		Pseudo Frac Gradient: 13.671 LB/GAL			
		Net Pressure: 428 psi	Total BBLs to Recover: 3,508 BBLs		
Breakdown Pressure: 2425		Breakdown Rate: 3.5	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
12	10/03/2014	3		6,685	6,686
11	10/03/2014	3		6,695	6,696
10	10/03/2014	3		6,703	6,704
9	10/03/2014	3		6,716	6,717
8	10/03/2014	3		6,726	6,727
7	10/03/2014	3		6,743	6,744
6	10/03/2014	3		6,767	6,768
5	10/03/2014	3		6,775	6,776
4	10/03/2014	3		6,789	6,790
3	10/03/2014	3		6,803	6,804
2	10/03/2014	3		6,846	6,848
1	10/03/2014	3		6,856	6,857
Stage 2		Frac Date: 10/09/2014	Avg Rate: 49.0 BPM	Avg Pressure: 3,272 PSI	
Initial Completion		Proppant: 87,037 lbs total	Max Rate: 61.0 BPM	Max Pressure: 4,030 PSI	
		87037 lbs Ottawa			
Initial Annulus Pressure: 22		Final Annulus Pressure: 12	Pump Down Volume:		
PreFrac SICP:		ISIP: 2,247 PSI	Base BBLs to Recover: 2,815 BBLs		
Pseudo Frac Gradient: 0.771 PSI/FT		Pseudo Frac Gradient: 14.818 LB/GAL			
		Net Pressure: -569 psi	Total BBLs to Recover: 2,815 BBLs		
Breakdown Pressure: 1488		Breakdown Rate: 1.8	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
10	10/09/2014	3		6,577	6,578
9	10/09/2014	3		6,584	6,585
8	10/09/2014	3		6,590	6,591
7	10/09/2014	3		6,603	6,604
6	10/09/2014	3		6,611	6,612
5	10/09/2014	3		6,621	6,622
4	10/09/2014	3		6,629	6,630
3	10/09/2014	3		6,635	6,636
2	10/09/2014	3		6,642	6,644
1	10/09/2014	3		6,651	6,652
Stage 3		Frac Date: 10/09/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,517 PSI	
Initial Completion		Proppant: 157,961 lbs total	Max Rate: 61.0 BPM	Max Pressure: 3,664 PSI	
		157961 lbs Ottawa			
Initial Annulus Pressure: 0		Final Annulus Pressure: 0	Pump Down Volume:		
PreFrac SICP:		ISIP: 1,613 PSI	Base BBLs to Recover: 4,758 BBLs		
Pseudo Frac Gradient: 0.681 PSI/FT		Pseudo Frac Gradient: 13.086 LB/GAL			
		Net Pressure: -210 psi	Total BBLs to Recover: 4,758 BBLs		
Breakdown Pressure: 1162		Breakdown Rate: 1.9	Perfs Open:		
ScreenOut: No		Tracer: (None)			
Zones:	Perf Date	SPF	Perf Interval:	From	To
12	10/09/2014	3		6,357	6,358
11	10/09/2014	3		6,368	6,369
10	10/09/2014	3		6,377	6,378
9	10/09/2014	3		6,388	6,389
8	10/09/2014	3		6,403	6,404
7	10/09/2014	3		6,411	6,412
6	10/09/2014	3		6,427	6,428
5	10/09/2014	3		6,435	6,436
4	10/09/2014	3		6,463	6,464
3	10/09/2014	3		6,472	6,473
2	10/09/2014	3		6,499	6,500
1	10/09/2014	3		6,510	6,512

Stage 4	Frac Date: 10/09/2014	Avg Rate: 45.0 BPM	Avg Pressure: 3,225 PSI
Initial Completion	Proppant: 187,786 lbs total 187786 lbs Ottawa	Max Rate: 63.0 BPM	Max Pressure: 4,012 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,749 PSI	Base BBLS to Recover: 4,947 BBLs
	Pseudo Frac Gradient: 0.710 PSI/FT	Pseudo Frac Gradient: 13.659 LB/GAL	
		Net Pressure: -1235 psi	Total BBLS to Recover: 4,947 BBLs
	Breakdown Pressure: 2213	Breakdown Rate: 2.8	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	10/09/2014	3	6,077 6,078
11	10/09/2014	3	6,091 6,092
10	10/09/2014	3	6,109 6,110
9	10/09/2014	3	6,157 6,158
8	10/09/2014	3	6,169 6,170
7	10/09/2014	3	6,188 6,189
6	10/09/2014	3	6,210 6,211
5	10/09/2014	3	6,227 6,228
4	10/09/2014	3	6,259 6,260
3	10/09/2014	3	6,266 6,267
2	10/09/2014	3	6,276 6,277
1	10/09/2014	3	6,302 6,303
Stage 5	Frac Date: 10/09/2014	Avg Rate: 48.0 BPM	Avg Pressure: 3,348 PSI
Initial Completion	Proppant: 166,572 lbs total 166572 lbs Ottawa	Max Rate: 61.0 BPM	Max Pressure: 4,195 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,934 PSI	Base BBLS to Recover: 4,621 BBLs
	Pseudo Frac Gradient: 0.753 PSI/FT	Pseudo Frac Gradient: 14.469 LB/GAL	
		Net Pressure: -331 psi	Total BBLS to Recover: 4,621 BBLs
	Breakdown Pressure: 3911	Breakdown Rate: 9.6	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	10/09/2014	3	5,811 5,812
11	10/09/2014	3	5,842 5,843
10	10/09/2014	3	5,867 5,868
9	10/09/2014	3	5,897 5,898
8	10/09/2014	3	5,910 5,911
7	10/09/2014	3	5,922 5,923
6	10/09/2014	3	5,932 5,933
5	10/09/2014	3	5,954 5,955
4	10/09/2014	3	5,977 5,978
3	10/09/2014	3	5,995 5,996
2	10/09/2014	3	6,034 6,035
1	10/09/2014	3	6,050 6,051
Stage 6	Frac Date: 10/09/2014	Avg Rate: 44.0 BPM	Avg Pressure: 3,075 PSI
Initial Completion	Proppant: 97,758 lbs total 97758 lbs Ottawa	Max Rate: 62.0 BPM	Max Pressure: 3,969 PSI
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,424 PSI	Base BBLS to Recover: 2,797 BBLs
	Pseudo Frac Gradient: 0.688 PSI/FT	Pseudo Frac Gradient: 13.228 LB/GAL	
		Net Pressure: -1421 psi	Total BBLS to Recover: 2,797 BBLs
	Breakdown Pressure: 2849	Breakdown Rate: 10.2	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
11	10/09/2014	3	5,308 5,309
10	10/09/2014	3	5,341 5,342
9	10/09/2014	3	5,349 5,350
8	10/09/2014	3	5,359 5,360
7	10/09/2014	3	5,383 5,384
6	10/09/2014	3	5,403 5,404
5	10/09/2014	3	5,442 5,443
4	10/09/2014	3	5,446 5,447
3	10/09/2014	3	5,568 5,569
2	10/09/2014	3	5,575 5,576
1	10/09/2014	3	5,581 5,583

Stage 7	Frac Date: 10/10/2014	Avg Rate: 49.0 BPM	Avg Pressure: 2,315 PSI
Initial Completion	Proppant: 144,562 lbs total	Max Rate: 63.0 BPM	Max Pressure: 3,337 PSI
	144562 lbs Ottawa		
	Initial Annulus Pressure: 0	Final Annulus Pressure: 0	Pump Down Volume:
	PreFrac SICP:	ISIP: 1,300 PSI	Base BBLs to Recover: 3,928 BBLs
	Pseudo Frac Gradient: 0.679 PSI/FT	Pseudo Frac Gradient: 13.061 LB/GAL	
		Net Pressure: -893 psi	Total BBLs to Recover: 3,928 BBLs
	Breakdown Pressure: 996	Breakdown Rate: 1.1	Perfs Open:
	ScreenOut: No	Tracer: (None)	
Zones:	Perf Date	SPF	Perf Interval: From To
12	10/09/2014	3	5,134 5,135
11	10/09/2014	3	5,142 5,143
10	10/09/2014	3	5,150 5,151
9	10/09/2014	3	5,169 5,170
8	10/09/2014	3	5,177 5,178
7	10/09/2014	3	5,196 5,197
6	10/09/2014	3	5,203 5,204
5	10/09/2014	3	5,219 5,220
4	10/09/2014	3	5,227 5,228
3	10/09/2014	3	5,241 5,242
2	10/09/2014	3	5,266 5,267
1	10/09/2014	3	5,275 5,276

Hydraulic Fracturing Fluid Product Component Information Disclosure

Job Start Date:	10/9/2014
Job End Date:	10/10/2014
State:	Utah
County:	Uintah
API Number:	43-047-54423-00-00
Operator Name:	Ultra Resources
Well Name and Number:	Three Rivers Federal 4-43-820
Longitude:	-109.66949200
Latitude:	40.15223900
Datum:	NAD27
Federal/Tribal Well:	NO
True Vertical Depth:	7,500
Total Base Water Volume (gal):	1,148,619
Total Base Non Water Volume:	0



Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Fresh Water	Operator	Base Fluid					
			Fresh Water	7732-18-5	100.00000	90.22080	Density = 8.330
SAND - PREMIUM WHITE	Halliburton	Proppant					
			Crystalline silica, quartz	14808-60-7	100.00000	8.84769	
HYDROCHLORIC ACID 10-30%	Halliburton	Solvent					
			Hydrochloric acid	7647-01-0	30.00000	0.17723	
LoSurf-300D	Halliburton	Non-ionic Surfactant					
			Ethanol	64-17-5	60.00000	0.04574	
			Heavy aromatic petroleum naphtha	64742-94-5	30.00000	0.02287	
			Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched	127087-87-0	5.00000	0.00381	
			Naphthalene	91-20-3	5.00000	0.00381	
			1,2,4 Trimethylbenzene	95-63-6	1.00000	0.00076	
WVG-35 GELLING AGENT	Halliburton	Gelling Agent					
			Guar gum	9000-30-0	100.00000	0.04091	
BC-140	Halliburton	Crosslinker					
			Monoethanolamine borate	26038-87-9	60.00000	0.02190	

			Ethylene glycol	107-21-1	30.00000	0.01095	
Cla-Web™	Halliburton	Additive					
			Ammonium salt	Confidential	60.00000	0.03021	Denise Tuck, Halliburton 3000 N. Sam Houston Pkwy E., Houston, TX 77032 281-871-6226
MC MX 2-2822	Multi-Chem	Scale Inhibitor					
			Methyl Alcohol	67-56-1	30.00000	0.01336	
			Phosphonate of a Diamine, Sodium Salt	Proprietary	30.00000	0.01336	
SandWedge® NT	Halliburton	Conductivity Enhancer					
			Dipropylene glycol monomethyl ether	34590-94-8	60.00000	0.01992	
			Heavy aromatic petroleum naphtha	64742-94-5	10.00000	0.00332	
FE-1A ACIDIZING COMPOSITION	Halliburton	Additive					
			Acetic anhydride	108-24-7	100.00000	0.00592	
			Acetic acid	64-19-7	60.00000	0.00355	
FR-66	Halliburton	Friction Reducer					
			Hydrotreated light petroleum distillate	64742-47-8	30.00000	0.00809	
MC B-8614	Multi-Chem	Biocide					
			Glutaraldehyde	111-30-8	30.00000	0.00565	
			Alkyl (C12-16) dimethylbenzylammonium chloride	68424-85-1	5.00000	0.00094	
MUSOL A SOLVENT	Halliburton	Solvent					
			Ethylene glycol monobutyl ether	111-76-2	100.00000	0.00249	
			Oxylated alcohol	Confidential	30.00000	0.00075	
OPTIFLO-HTE	Halliburton	Breaker					
			Walnut hulls	Mixture	100.00000	0.00219	
			Crystalline silica, quartz	14808-60-7	30.00000	0.00066	
SP BREAKER	Halliburton	Breaker					
			Sodium persulfate	7775-27-1	100.00000	0.00176	
HAI-404M™	Halliburton	Corrosion Inhibitor					
			Aldehyde	Confidential	30.00000	0.00033	
			Isopropanol	67-63-0	30.00000	0.00033	
			Methanol	67-56-1	30.00000	0.00033	
			Quaternary ammonium salt	Confidential	10.00000	0.00011	
			1-(Benzyl)quinolinium chloride	15619-48-4	10.00000	0.00011	
Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							
		Other Ingredient(s)					
			Water	7732-18-5		0.70173	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.02287	
		Other Ingredient(s)					

			Polyacrylamide copolymer	Confidential		0.00809	
		Other Ingredient(s)					
			Oxyalkylated phenolic resin	Confidential		0.00762	
		Other Ingredient(s)					
			Sodium chloride	7647-14-5		0.00387	
		Other Ingredient(s)					
			Quaternary ammonium compound	Confidential		0.00332	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00252	
		Other Ingredient(s)					
			Modified bentonite	Confidential		0.00205	
		Other Ingredient(s)					
			Alcohols, C12-16, ethoxylated	68551-12-2		0.00146	
		Other Ingredient(s)					
			Ammonium chloride	12125-02-9		0.00135	
		Other Ingredient(s)					
			Fatty acid tall oil amide	Confidential		0.00135	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00066	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00050	
		Other Ingredient(s)					
			Silica, amorphous - fumed	7631-86-9		0.00041	
		Other Ingredient(s)					
			Ethoxylated nonylphenol	Confidential		0.00041	
		Other Ingredient(s)					
			Methanol	67-56-1		0.00036	
		Other Ingredient(s)					
			Naphthenic acid ethoxylate	68410-62-8		0.00033	
		Other Ingredient(s)					
			Sorbitan, mono-9-octadecenoate, (Z)	1338-43-8		0.00027	
		Other Ingredient(s)					
			Sorbitan monooleate polyoxyethylene derivative	9005-65-6		0.00027	
		Other Ingredient(s)					
			Enzyme	Confidential		0.00011	
		Other Ingredient(s)					
			Fatty acids, tall oil	Confidential		0.00011	
		Other Ingredient(s)					
			Polyethoxylated fatty amine salt	61791-26-2		0.00011	
		Other Ingredient(s)					
			Ethoxylated amine	Confidential		0.00005	
		Other Ingredient(s)					
			Quaternary amine	Confidential		0.00005	
		Other Ingredient(s)					

			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Amine salts	Confidential		0.00005	
		Other Ingredient(s)					
			Crystalline silica, quartz	14808-60-7		0.00004	
		Other Ingredient(s)					
			C.I. Pigment Red 5	6410-41-9		0.00002	
		Other Ingredient(s)					
			Cured acrylic resin	Confidential		0.00002	
		Other Ingredient(s)					
			Ammonium phosphate	7722-76-1		0.00001	
		Other Ingredient(s)					
			Sodium iodide	7681-82-5		0.00001	
		Other Ingredient(s)					
			Naphthalene	91-20-3		0.00000	
		Other Ingredient(s)					
			Phosphoric Acid	7664-38-2		0.00000	
		Other Ingredient(s)					
			Sodium sulfate	7757-82-6		0.00000	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Note: For Field Development Products (products that begin with FDP), MSDS level only information has been provided.

Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers Material Safety Data Sheets (MSDS)

Well Name: Three Rivers 4-43-820 1 Green River

Date, Time & SO: 10/09/14 7:54 AM 901731549
Top & Bottom Perfs: 6685 TO 6804.0
Mid-Perf: 6771

BHST: 161 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WQ-35	BC 140		Sandwedge NT	BA-20	LoSurf-300D	CLA-Web	MC MX 2-2822	Optiflo HTE	SP	FR-66	MC B-8614	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	9000-30-0 (Gel) (ppt)	590-29-4 (Xlinker) (ppt)		1310-58-3 (Xlinker) (ppt)	631-61-8 (Buffer) (ppt)		(Clay Cont.) (ppt)	(Conduct. Enh.) (ppt)	7727-54-0 (Breaker) (ppt)	7775-27-1 (Breaker) (ppt)	(Fric Red) (ppt)	7681-52-9 (Bactericide) (ppt)	
1	Pre-Pad	6	0:00:39	FR Water	271	0	3.5	8.7	1612	2496	109	0.00	0.00						1.00	0.50				0.50	0.20	
2	PPG	24	0:02:23	15 % HCL Acid	1000	0	10.1	13.4	2298	2495	2056															
3	PPG	1022	0:17:02	FR Water	42841	0	52.5	61.0	2998	3883	2102								1.00	0.50	0.59			0.50	0.20	
4	0.35 PPG White Sand	1414	0:23:34	FR Water	58371	20,021	60.9	60.9	2536	2649	2460	0.34	0.42						1.00	0.50	0.59			0.50	0.20	
5	0.35 PPG White Sand	121	0:02:01	FR Water	5004	1,421	60.7	60.7	2702	2719	2675	0.28	0.36						1.00	0.50	2.00			0.50	0.20	
6	0.35 PPG White Sand	120	0:02:00	FR Water	4949	1,406	60.7	62.4	2702	2719	2675	0.28	0.36	14.50	1.40				1.00	0.50	0.25	0.81	0.40	0.50	0.20	
7	PPG	0	0:00:00	18# Delta 140	0	0									0.00											
8	2 PPG White Sand	345	0:05:45	18# Delta 140	13180	24,093	60.4	60.6	2618	2715	2503	1.83	2.06	18.00	1.80				1.00	0.50	0.25	1.00	0.50		0.20	
9	4 PPG White Sand	213	0:03:33	18# Delta 140	7495	26,845	60.1	60.5	2520	2568	2456	3.56	3.91	18.00	1.80				1.00	0.50	0.25	1.00	0.50		0.20	
10	6 PPG White Sand	236	0:03:56	18# Delta 140	7676	37,344	60.3	62.7	2406	2506	2116	4.87	6.13	15.00	1.45		1.60		1.00	0.50		0.83	0.42		0.20	
						0																				
						0																				
						0																				
						0																				
11	Flush	154	0:02:34	FR Water	6456	0	60.9	61.6	2844	3148	2386	0.00	0.00						1.00	0.50				0.50	0.20	
						0																				
	Growler @ Flush	57			2400	0																		0.00		
														50.00							0.00					
														Calculated Amt	569.05	55.27	0.00	58.75	0.00							
														Actual Amt	569.00	54.40		60.00		146.10	73.50	76.00	30.40	15.10	60.10	29.50
														Percent Variance	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
														Strap Amt	579.00	56.50		50.00		145.50	73.00	79.00	30.00	15.00	65.00	32.50
														Percent Variance	3.6%	2.2%	0.0%	-16.3%	0.0%	0.0%	0.0%	3.4%	-3.4%	0.0%	9.4%	11.0%
														Percent Variance is reported as 0% if variance is within 1 gallon.												

Slurry (bbl)3656

Slurry (bbl) 3656
Pump Time (Min) 1:03:27
Clean Fluid (gal) 147343
Proppant (lb) 126309

Avg Rate 49.0 BPM
Avg Corrected Rate 54.0 BPM
Max Rate 62.7 BPM
Average Prop Con 1.9
Average Pressure 2519.6 PSI
Maximum Pressure 3883.0 PSI

BREAKDOWN INFORMATION

Base Fluid: 8.40 PPG
Wellhead Pressure: 109 PSI
Broke Back: 2425 PSI
Pressure (Prop at Perf): 2470 PSI
Initial ISIP: 1907 PSI

@ 3.5 BPM
@ 60.7 BPM
@ 0.718 PSI/FT

(Use weight slips for below amounts)
TOTAL PROPPANT PUMPED: 110,032 Lbs
% of Job Prop Mesh Quantity Units
0% None 20-40 Lbs
0% ILC 20-40 Lbs
100% White Sand 20-40 110,032 Lbs
Initial Annulus Pressure 42.0 PSI
Final Annulus Pressure 33.0 PSI

Variance 0.0%
COMMENTS:
MB Vari 0.8% SS Vari 5.7% Dens Vari 0.0% SC Vari 0.0%
Average Annulus Pressure 36.8 PSI
Change in Annulus Pressure -9.0 PSI

CLEAN STREAM
UV1 HRs UV2 HRs Transm %
547 547 74.0

HES Engineer: Ugoma Achebe
Co. Rep: Jeff Scott
Crew: REP C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Had to take off a truck in stage 3 due to leaking hose rubber

Well Name: Three Rivers 4-43-820 2 Green River

Date, Time & SO: 10/09/14 10:16 AM 901731549
Top & Bottom Perfs: 6577 TO 6652.0
Mid-Perf: 6615

BHST: 159 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives				Liquid Additives				Optiflo HTE 7727-54-0 (Breaker) (ppb)	SP 7775-27-1 (Breaker) (ppb)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)	
														WG-35 9000-30-0 (Gel) (gpt)	BC 140 590-29-4 (Linker) (gpt)	Sandwedge NT 1310-58-3 (Linker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)						
1	Pre-Pad	21	0:02:07	FR Water	886	0	5.7	9.7	2009	2655	1067	0.00	0.00							0.50				0.50	0.20	
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.0	10.2	2547	2628	2493															
3	0 PPG	815	0:13:35	FR Water	34225	0	48.5	60.2	3614	3931	2491								1.00	0.50	0.77			0.50	0.20	
4	0.35 PPG White Sand	1063	0:17:43	FR Water	43893	19,313	59.5	60.1	3710	3915	3549	0.44	0.49						1.00	0.50	0.77			0.50	0.20	
5	0.35 PPG White Sand	122	0:02:02	FR Water	5042	2,234	60.1	60.1	3515	3562	3435	0.44	0.45						1.00	0.50	1.55			0.50	0.20	
6	0.35 PPG White Sand	121	0:02:01	FR Water	5008	2,294	60.2	60.5	3429	3452	3390	0.46	0.48	6.00	0.60				1.00	0.50	0.25	0.33	0.33	0.50	0.20	
7	0 PPG	3	0:00:02	18# Delta 140	90	0	60.5	60.5	3390	3392	3384			18.00	1.80				1.00	0.50	0.25	1.00	0.50	0.20	0.20	
8	2 PPG White Sand	273	0:04:32	18# Delta 140	10389	20,570	60.0	60.5	3428	3486	3379	1.98	2.38	18.00	1.80				1.00	0.50	0.25	1.00	0.50	0.20	0.20	
9	4 PPG White Sand	169	0:02:49	18# Delta 140	5938	22,737	59.9	60.1	3314	3446	3146	3.83	4.12	18.00	1.80				1.00	0.50	0.25	1.00	0.50	0.20	0.20	
10	6 PPG White Sand	176	0:02:56	18# Delta 140	5701	21,117	59.9	61.1	3152.0	3417	2661	3.70	6.14	11.00	1.10		1.76		1.00	0.50		0.61	0.31		0.20	
						0																				
						0																				
						0																				
						0																				
						0																				
11	Flush	144	0:02:24	FR Water	6068	0	52.5	61.0	3680	4030	3416	0.00	0.00						1.00	0.50				0.50	0.20	
						0																				
	Growler @ Flush	57			2400	0								50.00					0.00					0.00		
														Calculated Amt	388.27	38.85	0.00	37.17	0.00	116.90	58.62	73.17	21.99	11.62	47.56	23.45
														Actual Amt	391.00	38.40		36.20		115.90	57.90	72.40	21.50	10.70	47.50	23.00
														Percent Variance	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
														Strap Amt	401.00	40.50		33.00		117.50	56.50	76.00	22.00	11.00	48.00	24.50
														Percent Variance	3.3%	4.3%	0.0%	-11.2%	0.0%	0.0%	-3.6%	3.9%	0.0%	0.0%	0.0%	4.5%
Slurry (bbl) 2929																										

Slurry (bbl) 2929
Pump Time (Min) 0:52:34
Clean Fluid (gal) 118240
Proppant (lb) 97616

Avg Rate 48.0 BPM
Avg Corrected Rate 53.1 BPM
Max Rate 61.1 BPM
Average Prop Con 1.8
Average Pressure 3271.6 PSI
Maximum Pressure 4030.0 PSI

BREAKDOWN INFORMATION

Base Fluid: 8.36 PPG
Wellhead Pressure: 1067 PSI
Broke Back: 1488 PSI
Pressure (Prop at Perf): 3747 PSI
Initial ISIP: 2247 PSI

@ 4.8 BPM
@ 59.1 BPM
@ 0.774 PSI/FT

(Use weight slips for below amounts)
TOTAL PROPPANT PUMPED: 86,756 Lbs
% of Job Prop Mesh Quantity Units
0% None 20-40 Lbs
0% TLC 20-40 Lbs
100% White Sand 20-40 86,756 Lbs
Initial Annulus Pressure 22.0 PSI
Final Annulus Pressure 12.0 PSI

Variance 0.0%
COMMENTS:
MB Vari 1.7% SS Vari -5.9% Dens Vari 0.3% SC Vari -0.9%
Average Annulus Pressure 16.5 PSI
Change in Annulus Pressure -10.0 PSI

CLEAN STREAM
UV1 HRs 548 UV2 HRs 548 Transm % 75.7

HES Engineer: Ugoma Achebe
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep

Well Name: Three Rivers 4-43-820 3 Green River

Date, Time & SO: 10/09/14 12:15 PM 901731549
Top & Bottom Perfs: 6357 TO 6473.0
Mid-Perf: 6435

BHST: 156 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	WG-35	BC 140		Sandwedge NT	BA-20	LoSurf-300D	CLA-Web	MC MX 2-2822	Optiflo HTE	SP	FR-66	MC B-8614
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)	9000-30-0 (Gel) (ppt)	590-29-4 (Xlinker) (gpt)		(Xlinker) (gpt)	631-61-8 (Buffer) (gpt)		(Clay Cont.) (gpt)	(Conduct. Enh.) (gpt)	7727-54-0 (Breaker) (ppt)	7775-27-1 (Breaker) (ppt)	(Fric Red) (gpt)	7681-52-9 (Bactericide) (gpt)
1	Pre-Pad	10	0:01:01	FR Water	429	0	2.8	9.9	1205	1623	1022	0.00	0.00						1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	9.7	10.8	1690	1707	1617														
3	0 PPG	1418	0:23:38	FR Water	59542	0	56.6	60.9	2659	3664	1532								1.00	0.50	0.41			0.30	0.20
4	0.35 PPG White Sand	2082	0:34:42	FR Water	85985	39,639	59.8	60.9	2904	3038	2312	0.46	0.51						1.00	0.50	0.41			0.30	0.20
5	0.35 PPG White Sand	122	0:02:02	FR Water	5037	2,211	60.5	60.1	3035	3046	3017	0.44	0.45						1.00	0.50	2.00			0.30	0.20
6	0.35 PPG White Sand	119	0:01:59	FR Water	4923	2,215	60.5	60.7	3066	3100	3035	0.45	0.46	9.00	0.84				1.00	0.50	0.25	0.47	0.23	0.30	0.20
7	0 PPG	0	0:00:00	18# Delta 140	0	0									0.00										
8	2 PPG White Sand	483	0:08:03	18# Delta 140	18480	41,083	60.2	60.7	2742	3093	2616	2.22	2.64	18.00	1.80				1.00	0.50	0.25	1.00	0.50		0.20
9	4 PPG White Sand	300	0:05:00	18# Delta 140	10545	40,756	60.2	60.5	2512	2629	2423	3.87	4.02	18.00	1.80				1.00	0.50	0.25	1.00	0.50		0.20
10	6 PPG White Sand	237	0:03:57	18# Delta 140	7705	34,603	60.0	61.1	2342	2438	1400	4.49	6.14	14.00	1.32	1.65			1.00	0.50		0.73	0.37		0.20
					0																				
					0																				
					0																				
					0																				
11	Flush	132	0:02:12	FR Water	5533	0	60.6	60.9	2816	3076	2432	0.00	0.00						1.00	0.50				0.30	0.20
					0																				
	Growler @ Flush	57			2400	0								50.00					0.00					0.00	

Calculated Amt	674.63	66.54	0.00	57.10	0.00	198.18	99.00	78.56	36.97	18.48	48.43	39.64
Actual Amt	681.00	66.00		56.50		197.50	98.00	78.20	36.00	18.30	48.60	39.60
Percent Variance	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Strap Amt	693.00	65.00		58.00		189.00	97.00	80.00	37.00	18.00	49.00	36.00
Percent Variance	2.7%	-2.3%	0.0%	0.0%	0.0%	-4.6%	-2.1%	1.8%	0.0%	0.0%	0.0%	-9.2%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 4928
Pump Time (Min) 1:24:58
Clean Fluid (gal) 199179
Proppant (lb) 159951

Avg Rate 49.1 BPM
Avg Corrected Rate 54.2 BPM
Max Rate 61.1 BPM
Average Prop Con 2.0
Average Pressure 2517.1 PSI
Maximum Pressure 3664.0 PSI

BREAKDOWN INFORMATION

Base Fluid: 8.38 PPG
Wellhead Pressure: 1622 PSI
Broke Back: 1162 PSI
Pressure (Prop at Perf): 2729 PSI
Initial ISIP: 1613 PSI

@ 1.9 BPM
@ 60.7 BPM
@ 0.686 PSI/F T

(Use weight slips for below amounts)			
TOTAL PROPPANT PUMPED:		154,470	Lbs
% of Job	Prop	Mesh	Quantity
0%	None	20/40	Lbs
0%	TLC	20/40	Lbs
100%	White Sand	20/40	154,470 Lbs
Initial Annulus Pressure		0.0	PSI
Final Annulus Pressure		0.0	PSI

Variance			
0.0%			
MB Vari	SS Vari	Dens Vari	SC Vari
3.9%	-6.3%	2.3%	0.0%
Average Annulus Pressure		0.0	PSI
Change in Annulus Pressure		0.0	PSI

CLEAN STREAM

UV1 HRS	UV2 HRS	Transm %
549	549	79.1

COMMENTS: HES Engineer: Ugoma Achebe
Co. Rep: Jeff Scott
Crew: RED C
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
Had to bring a truck offline in stage 4 due to leaking hose rubber.

Well Name: Three Rivers 4-43-820 4 Green River

Date, Time & SO: 10/09/14 3:50 PM 901731549
Top & Bottom Perfs: 6077 TO 6267.0
Mid-Perf: 6190

BHST: 152 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives					Liquid Additives					SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (gpt)	MC B-8614 7681-52-9 (Bactericide) (gpt)
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NT 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-300D	CLA-Web (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)					
1	Pre-Pad	4	0:00:26	FR Water	181	0	3.5	8.4	2114	3108	1114	0.00	0.00						1.00	0.50				0.30	0.20	
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	9.6	11.8	2563	3114	2284	0.00	0.00													
3	0 PPG	1391	0:23:11	FR Water	58411	0	53.7	60.6	3659	3875	2259	0.00	0.00					1.00	0.50	0.39			0.30	0.20		
4	0.5 PPG White Sand	2306	0:38:26	FR Water	94525	47,263	56.1	60.6	3795	4012	3726	0.50	0.63					1.00	0.50	0.39			0.30	0.20		
5	0.5 PPG White Sand	123	0:02:03	FR Water	5026	2,558	55.9	56.0	3906	3950	3813	0.51	0.52					1.00	0.50	2.00			0.30	0.20		
6	0.5 PPG White Sand	122	0:02:02	FR Water	5020	2,083	50.0	57.0	3575	3999	1768	0.42	0.55	8.00				1.00	0.50	0.25			0.30	0.20		
7	0 PPG	36	0:00:36	16# Delta 140	1509	32	36.3	49.5	2687	2942	2406	0.02	0.12	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
8	2 PPG White Sand	537	0:08:57	16# Delta 140	20523	39,938	54.8	60.4	3475	3641	2921	1.95	2.08	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
9	4 PPG White Sand	333	0:05:33	16# Delta 140	11677	44,034	60.2	60.4	3395	3558	3250	3.77	3.97	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20		
10	6 PPG White Sand	334	0:05:34	16# Delta 140	10854	55,714	60.4	62.8	3091	3256	2986	5.13	5.97	16.00	1.60		1.61	1.00	0.50		1.00	1.00		0.20		
						0																				
						0																				
						0																				
						0																				
						0																				
11	Flush	146	0:02:26	FR Water	6141	0	51.0	61.0	3212	3622	3007	0.00	0.00					1.00	0.50				0.30	0.20		
						0																				
						0																				
	Growler @ Flush	57			2400	0								50.00				0.00					0.00			
														Calculated Amt	753.17	71.30	0.00	89.70	0.00	213.87	106.93	79.73	44.56	44.56	50.79	42.77
														Actual Amt	779.80	70.90		91.20	0.00	213.40	106.70	79.20	44.40	44.40	51.30	42.90
														Percent Variance	3.5%	0.0%	0.0%	1.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
														Strap Amt	800.00	69.00		86.00		210.00	107.00	80.00	45.00	43.00	50.00	44.00
														Percent Variance	6.2%	-3.2%	0.0%	-4.1%	0.0%	-1.8%	0.0%	0.0%	-3.9%	0.0%	2.9%	

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 5355
Pump Time (Min) 1:31:36
Clean Fluid (gal) 214867
Proppant (lb) 205164

Avg Rate 44.7 BPM
Avg Corrected Rate 48.8 BPM
Max Rate 62.8 BPM
Average Prop Con 1.4
Average Pressure 3224.7 PSI
Maximum Pressure 4012.0 PSI

BREAKDOWN INFORMATION

Base Fluid: 8.39 PPG
Wellhead Pressure: 1114 PSI
Broke Back: 2213 PSI
Pressure (Prop at Perf): 3890 PSI
Initial ISIP: PSI
ISDP: 1749 PSI

@ 2.8 BPM
@ 60.4 BPM
@ 0.719 PSI/FT

(Use weight slips for below amounts)				
TOTAL PROPPANT PUMPED: 186,304 Lbs				
% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	186,304	Lbs

Initial Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM		
UV1 HRs	UV2 HRs	Transm %
551	551	73.7

Variance				
0.0%				
MB Vari	SS Vari	Dens Vari	SC Vari	
2.9%	3.8%	0.8%	0.8%	

COMMENTS:

HES Engineer: Ugoma Achebe
Co. Rep: Jeff Scott
Crew: REP C
Xlink samples look good
10bbl overflush per Co Rep
Inline densometer went deleted in stage 3
Lost Growler tub at start of crosslink, brought rate down resolved problem brought rate back up and obtain good crosslink

Well Name: Three Rivers 4-43-820 5 Green River

Date, Time & SO: 10/09/14 6:34 PM 901731549
Top & Bottom Perfs: 5811 TO 5996.0
Mid-Perf: 5931

BHST: 149 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol (bbl)	Pump Time	Fluid Name	Fluid Volume (gal)	Proppant Mass (lb)	Slurry Rate (bpm)	Max Slurry Rate (bpm)	Pressure Ave (psi)	Pressure Max (psi)	Pressure Min (psi)	Prop Conc Avg (PPG)	Prop Conc Max (PPG)	Liquid Additives				Liquid Additives				SP 7775-27-1 (Breaker) (ppt)	FR-66 (Fric Red) (ppt)	MC B-8614 7681-52-9 (Bactericide) (ppt)
														WG-35 9000-30-0 (Gel) (ppt)	BC 140 590-29-4 (Xlinker) (gpt)	Sandwedge NI 1310-58-3 (Xlinker) (gpt)	BA-20 631-61-8 (Buffer) (gpt)	LoSurf-3000	CLAWeb (Clay Cont.) (gpt)	MC MX 2-2822 (Conduct. Enh.) (gpt)	Optiflo HTE 7727-54-0 (Breaker) (ppt)			
1	Pre-Pad	48	0:04:50	FR Water	2033	0	3.7	10.0	3362	4195	1416	0.00	0.00					1.00	0.50				0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	10.5	11.5	3061	3199	3012	0.00	0.00											
3	0 PPG	1253	0:20:53	FR Water	52639	0	47.0	60.7	3380	4062	2436	0.00	0.00					1.00	0.50	0.44			0.30	0.20
4	0.5 PPG White Sand	2019	0:33:39	FR Water	82757	166	47.0	60.6	3380	3649	3062	0.00	0.06					1.00	0.50	0.44			0.30	0.20
5	0.5 PPG White Sand	122	0:02:02	FR Water	5017	2,719	60.2	60.2	3655	3683	3638	0.54	0.55					1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	123	0:02:03	FR Water	5057	2,852	60.1	60.2	3827	3861	3682	0.56	0.59	4.00				1.00	0.50	0.25			0.30	0.20
7	0 PPG	81	0:01:21	16# Delta 140	3402	514	60.4	60.7	3797	3858	3756	0.15	0.59	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	477	0:07:57	16# Delta 140	18238	39,339	60.4	60.5	3449	3760	3257	2.16	2.44	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	295	0:04:55	16# Delta 140	10365	40,850	60.3	60.5	3118	3256	2998	3.95	4.13	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	240	0:04:00	16# Delta 140	7806	38,562	60.3	60.7	2852	2999	2715	4.94	6.05	16.00	1.60	1.58		1.00	0.50		1.00	1.00		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	136	0:02:16	FR Water	5711	0	53.1	60.6	2944	2743	2742	0.00	0.00					1.00	0.50				0.30	0.20
	Growler @ Flush	57			2400	0										50.00		0.00					0.00	

Slurry (bbl) 4819
Pump Time (Min) 1:26:20
Clean Fluid (gal) 194015
Proppant (lb) 171148

Avg Rate 47.5 BPM
Avg Corrected Rate 51.9 BPM
Max Rate 60.7 BPM
Average Prop Con 1.4
Average Pressure 3347.7 PSI
Maximum Pressure 4195.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.41 PSI
Wellhead Pressure: 1426 PSI
Broke Back: 3911 PSI
Pressure (Prop at Perfs) 3100 PSI
Initial ISIP: PSI
ISDP: 1934 PSI

@ 9.6 BPM
@ 60.4 BPM
@ 0.763 PSI/FT

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 165,600 Lbs			
% of Job	Prop	Mesh	Quantity Units
0%	None	20/40	Lbs
0%	TLC	20/40	Lbs
100%	White Sand	20/40	165,600 Lbs

Initial Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM

UV1 HRs	UV2 HRs	Transm.%
552	552	68.9

Variance

MB Vari	SS Vari	Dens Vari	SC Vari
24.5%	2.6%	0.6%	0.6%

COMMENTS:

HES Engineer: Paul McLean
Co. Rep: Andy Hutchinson
Crew: Red B
Equipment running well
Xlink samples look good
Good job by Crew
3bbl overflush per Co Rep
difficulty getting into well kicked out 4 times will bring down pressure and ramp it on then back it off per co rep
After ramping it on we got a break and started pumping into stage.

Well Name: Three Rivers 4-43-820 6 Green River

Date, Time & SO: 10/09/14 9:21 PM 901731549
Top & Bottom Perfs: 5308 TO 5576.0
Mid-Perf: 5446

BHST: 141 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Prop Conc	Prop Conc	Liquid Additives				Liquid Additives						
														WG-35 9000-30-0 (Gel)	BC 140 590-29-4 (Xlinker)	Sandwedge NI 1310-58-3 (Xlinker)	BA-20 631-61-8 (Buffer)	LoSurf-300D	CLAWeb (Clay Cont.)	MC MX 2-2822 (Conduct. Enh.)	Optiflo HTE 7727-54-0 (Breaker)	SP 7775-27-1 (Breaker)	FR-66 (Fric Red)	MC B-8614 7681-52-9 (Bactericide)
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Avg (PPG)	Max (PPG)											
1	Pre-Pad	10	0:0059	FR Water	415	0	6.1	13.9	1602	2850	424	0.00	0.00					1.00	0.50				0.30	0.20
2	0 PPG	24	0:0223	15 % HCL Acid	1000	0	10.3	10.8	2319	2386	2193	0.00	0.00											
3	0 PPG	751	0:1231	FR Water	31533	0	51.8	60.6	3444	3969	2362	0.00	0.00					1.00	0.50	0.79			0.30	0.20
4	0.5 PPG White Sand	1076	0:1756	FR Water	44112	22,541	60.4	60.6	3577	3709	3523	0.51	0.57					1.00	0.50	0.79			0.30	0.20
5	0.5 PPG White Sand	123	0:0203	FR Water	5052	2,597	60.4	60.4	3569	3585	3547	0.51	0.52					1.00	0.50	2.00			0.30	0.20
6	0.5 PPG White Sand	120	0:0200	FR Water	4927	2,601	60.4	60.4	3583	3599	3549	0.53	0.59	12.00				1.00	0.50	0.25			0.30	0.20
7	0.24 PPG White Sand	102	0:0142	16# Delta 140	4226	1,014	51.6	61.5	2960	3555	2285	0.24	1.17	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
8	2 PPG White Sand	168	0:0248	16# Delta 140	6443	13,666	60.3	60.5	3500	3659	3342	2.12	2.34	16.00	1.60			1.20	0.50	0.25	1.00	1.00		0.20
9	4 PPG White Sand	173	0:0253	16# Delta 140	6072	26,073	60.2	60.5	3221	3387	3102	4.29	4.56	16.00	1.60			1.00	0.50	0.25	1.00	1.00		0.20
10	6 PPG White Sand	230	0:0950	16# Delta 140	7478	33,060	60.5	61.5	3034	3188	2771	4.42	6.32	16.00	1.60	1.75		1.00	0.50		1.00	1.00		0.20
						0																		
						0																		
						0																		
						0																		
						0																		
11	Flush	125	0:0205	FR Water	5240	0	56.5	60.7	3127	2771	2771	0.00	0.00					1.00	0.50				0.30	0.20
						0																		
	Growler @ Flush	57			2400	0								50.00				0.00					0.00	

Calculated Amt	446.63	38.75	57.86	0.00	116.79	57.75	75.52	24.22	24.22	27.38	23.10
Actual Amt	478.00	39.00	57.90	0.00	118.70	57.70	75.80	24.50	24.50	27.50	23.10
Percent Variance	7.0%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Strap Amt	479.00	38.00	55.00		112.00	57.00	72.00	23.00	23.00	26.00	24.00
Percent Variance	7.2%	0.0%	-4.9%		-4.1%	0.0%	-4.7%	-5.0%	-5.0%	-5.1%	0.0%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 2902
Pump Time (Min) 0:51:11
Clean Fluid (gal) 116498
Proppant (lb) 110102

Avg Rate 48.9 BPM
Avg Corrected Rate 53.2 BPM
Max Rate 61.5 BPM
Average Prop Con 1.4
Average Pressure 3085.1 PSI
Maximum Pressure 3969.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.41 PPG
Wellhead Pressure: 505 PSI
Broke Back: 2849 PSI
Pressure (Prop at Perfs) 3627 PSI
Initial ISIP: PSI
ISDP: 1424 PSI

@ 10.2 BPM
@ 60.3 BPM
@ 0.699 PSI/FT

(Use weight slips for below amounts)				
TOTAL PROPPANT PUMPED:				96,600 Lbs
% of Job	Prop	Mesh	Quantity	Units
0%	None	20/40		Lbs
0%	TLC	20/40		Lbs
100%	White Sand	20/40	96,600	Lbs

Initial Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM		
UV1 HRs	UV2 HRs	Transm.%
553	553	73.4

Variance				COMMENTS:
0.0%				
MB Vari	SS Vari	Dens Vari	SC Vari	
5.1%	3.8%	1.2%	1.2%	

HES Engineer: Paul McLean
Co. Rep: Andy Hutchinson
Crew: Red B
Equipment running well
Xlink samples look good
3bbl overflush per Co Rep
lost tub on blender when bringing on crosslink, cut the screws dropped rate until tub was brought back up
Viscosity dropped on the growler had to raise setpoint to obtain good crosslink in stage 8
In stage 9 we lost sand due to swap over on castle and screws

Well Name: Three Rivers 4-43-820 7 Green River

Date, Time & SO: 10/09/14 11:27 PM 901731549
Top & Bottom Perfs: 5134 TO 5242.0
Mid-Perf: 5205

BHST: 138 °F

HALLIBURTON

Stage	Stage Name	Slurry Vol	Pump Time	Fluid Name	Fluid Volume	Proppant	Slurry	Max Slurry	Pressure	Pressure	Pressure	Liquid Additives				Liquid Additives							
												WG-35	BC 140	Sandwedge NI	BA-20	LoSurf-3000	CLAWeb	MC MX 2-2822	Optiflo RTE	SP	FR-66	MC B-8614	
		(bbl)			(gal)	Mass (lb)	Rate (bpm)	Rate (bpm)	Ave (psi)	Max (psi)	Min (psi)	Prop Conc (PPG)	Prop Conc (PPG)	9000-30-0 (Gel) (ppt)	590-29-4 (Xlinker) (gpt)	1310-58-3 (Xlinker) (gpt)	631-61-8 (Buffer) (gpt)	(Clay Cont.) (gpt)	(Conduct. Enh.) (gpt)	7727-54-0 (Breaker) (ppt)	7775-27-1 (Breaker) (ppt)	(Fric Red) (gpt)	7681-52-9 (Bactericide) (gpt)
1	Pre-Pad	8	0:00:47	FR Water	326	0	6.8	13.7	1413	1828	956	0.00	0.00					1.00	0.50			0.30	0.20
2	0 PPG	24	0:02:23	15 % HCL Acid	1000	0	11.8	17.0	1663	1829	1413	0.00	0.00										
3	0 PPG	1054	0:17:34	FR Water	44266	0	56.3	60.8	2685	3337	1725	0.00	0.00					1.00	0.50	0.54		0.30	0.20
4	0.5 PPG White Sand	1642	0:27:22	FR Water	67318	32,986	60.2	60.5	2862	3151	2531	0.49	0.54					1.00	0.50	0.54		0.37	0.20
5	0.5 PPG White Sand	124	0:02:04	FR Water	5063	2,638	60.4	60.5	2765	2841	2691	0.52	0.53					1.00	0.50	2.00		0.50	0.20
6	0.5 PPG White Sand	123	0:02:03	FR Water	5027	2,765	60.5	60.9	2725	2827	2609	0.55	0.60	4.00	0.40			1.00	0.50	0.25		0.50	0.20
7	0 PPG	30	0:00:30	16# Delta 140	1262	0	55.1	60.9	2407	2609	2295	0.00	0.00	16.00	1.60			1.00	0.50	0.25	1.00	1.00	0.20
8	2 PPG White Sand	397	0:06:37	16# Delta 140	15195	28,263	59.9	60.5	2478	2624	2300	1.86	2.03	16.00	1.60			1.00	0.50	0.25	1.00	1.00	0.20
9	4 PPG White Sand	246	0:04:06	16# Delta 140	8636	31,461	60.3	60.5	2303	2393	2078	3.64	4.24	16.00	1.60			1.00	0.50	0.25	1.00	1.00	0.20
10	6 PPG White Sand	373	0:06:13	16# Delta 140	12100	53,567	60.2	62.6	2157	2248	2020	4.43	6.20	16.00	1.60	1.55		1.00	0.50		1.00	1.00	0.20
						0																	
						0																	
						0																	
						0																	
						0																	
11	Flush	114	0:01:54	FR Water	4799	0	45.7	60.5	2007	2515	1200	0.00	0.00					1.00	0.50			0.30	0.20
						0																	
	Growler @ Flush	57			2400	0								50.00				0.00				0.00	

Calculated Amt	495.20	60.31	83.03	0.00	163.99	82.00	77.66	37.19	37.19	44.84	32.80
Actual Amt	497.00	59.80	82.20		163.00	82.20	77.00	37.40	37.00	45.10	33.00
Percent Variance	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Strap Amt	510.00	56.00	84.00		152.00	86.00	74.00	36.00	35.00	43.00	31.00
Percent Variance	3.0%	7.1%	0.0%	0.0%	7.3%	4.9%	4.7%	3.2%	5.9%	4.1%	5.5%

Percent Variance is reported as 0% if variance is within 1 gallon.

Slurry (bbl) 4134
Pump Time (Min) 1:11:32
Clean Fluid (gal) 164992
Proppant (lb) 176238

Avg Rate 48.8 BPM
Avg Corrected Rate 53.0 BPM
Max Rate 62.6 BPM
Average Prop Con 1.3
Average Pressure 2315.0 PSI
Maximum Pressure 3337.0 PSI

BREAKDOWN INFORMATION:

Base Fluid: 8.41 PPG
Wellhead Pressure: 965 PSI
Broke Back: 996 PSI
Pressure (Prop at Perfs) 2955 PSI
Initial ISIP: PSI
ISDP: 1300 PSI

@ 12 BPM
@ 60.1 BPM
@ 0.687 PSI/FT

(Use weight slips for below amounts)

TOTAL PROPPANT PUMPED: 138,538 Lbs			
% of Job	Prop	Mesh	Quantity Units
0%	None	20/40	Lbs
0%	TLC	20/40	Lbs
100%	White Sand	20/40	138,538 Lbs

Initial Annulus Pressure 0.0 PSI
Final Annulus Pressure 0.0 PSI
Average Annulus Pressure 0.0 PSI
Change in Annulus Pressure 0.0 PSI

CLEAN STREAM

UV1 HRs	UV2 HRs	Transm.%
555	555	74.0

Variance

0.4%			
MB Vari	SS Vari	Dens Vari	SC Vari
9.5%	17.5%	4.8%	3.9%

COMMENTS:

HES Engineer: Paul McLean
Co. Rep: Andy Hutchinson
Crew: Red B
Equipment running well
Xlink samples look good
Good job by Crew

lost blender tub starting crosslink, dropped rate and brought back tub.
overpumped sand with co rep approval
sand screw total off due to partial coverage on sand screw 1